CATALOG
WS-75

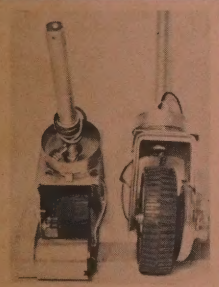
Fair Radio Sales Co., Inc.

OUR 28th YEAR

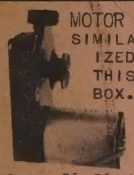
World's Finest
Government Surplus

ELECTRONICS

ELECTRIC MOTORIZED WHEEL



ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD, 1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIRED WHEEL 5"x1½", TOP OF FORK TO BOTTOM OF WHEEL 6½", 2½ x 5/8" CUP TOP OF FORK AND 6¼x3/4" TUBING ABOVE CUP. ALL METAL CONTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT.3LBS PRICE: $7.95 EA.2 FOR $15 No. 6VCD-P HAS MANY USES EQUIPMENT DOLLY, WHEEL CHAIR, CAR, FISHING REEL

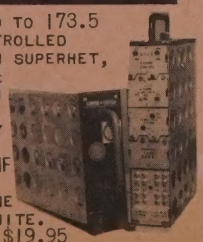


MOTOR & GEAR BOX ASSEMBLY NO. RS-85 SIMILAR TO UNIT USED ON ELECTRIC MOTORIZED WHEEL ASSY DESCRIBED ABOVE, EXCEP THIS UNIT HAS PLASTIC GEARS & GEAR BOX. OPERATES FROM 6 VDC BUT WILL RUN ON 2 VDC TO 12 VDC WITH VARING SPEEDS OF 50 TO 250 RPM DEPENDING ON LOAD AND VOLTAGE USED. MOTOR IS ALSO REVERSIABLE.
SIZE: 3½x2½x4½: WT: 1 LB. AMER.#122830 $4.50

DISTORTION ANALYZER

HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS IT WILL MAKE NOISE MEASURMENTS OF VOLTAGES AS SMAL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLISCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFULL FOR ALL KINDS OF AUDIO MEASUEMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC.
SIZE: 8½x19¼x13¼ (RACKMTG) WT: SHPG. 40 LBS.
PRICES: USED REPARABLE $225 CHECKED $275

TRANSISTORIZED RECEIVER



R-962 RECEIVER V.H.F. 162.5 TO 173.5 MHZ IN SIXTEEN CRYSTAL CONTROLLED CHANNELS. DOUBLE CONVERSION SUPERHET, THAT CAN DETECT A.M., F.M.& VIDEO SIGNALS. RECEIVER CONSISTS OF 5 PLUG-IN MODULES OF PRINTED CIRCUIT ASSEMBLY NO TUBES ARE USED. 18 VDC CONVERSION FOR 2 METERS, VHF WEATHER, SATELLITE TV ETC. SEE INFORMATION CQ MAGAZINE OCT. 74. BY GORDON ELIOT WHITE.
SIZE: 7½x2½x10; 5 LBS. USED $19.95

RU-18 WWII RECEIVER

CW-46048D NAVY AIRCRAFT RECEIVER USED IN WWII TRF TUNED RADIO FREQ. TYPE, COVERS RANGE OF 195 TO 13,575 KC BY USE OF PLUG-IN COILS, HAS LOCAL OR REMOTE TUNING CONTROLS, SENSITIVITY, LOOP & REG. ANT. CONT. WITH TUBES 3/78, 2/77 & 1/38233. TUBES ARE 6 VOLT, SET WAS DESIGNED TO OPERATE FROM 12-14 V. FOR FIL. & APPROX. 250 VDC @ 50 MA. FOR HV.
PRICE: RECEIVER WITH TUBES, LOCAL TUNING KNOB, PLUG & CHOICE OF 5 COILS LISTED $29.95

ACCESORIES FOR THE ABOVE RECEIVER

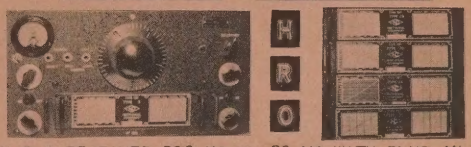
COIL O & P	DUAL	195-490/290-435	KC	$2.95
" L & N	"	400-600/6000-9050	"	"
" G & G	"	540-830/3000-4525	"	"
" G & M	"	540-830/5200-7700	"	"
" D	SINGLE	850-1330	"	"
" E	"	1330-2040	"	"
" Q & F	DUAL	540-830/2040-3000	"	"
" H	SINGLE	4000-6000	"	"
" K	"	9050-13,575	"	"
CW-46011	SHOCK MOUNTING BASE			1.00
CW-23087	CONTROL BOX FOR REMOTE USE			1.50
	PLUG TO FIT CONTROL BOX			1.00
CW-23012	REMOTE TUNING HEAD W/DIALS			1.75
MC-124	FLEX. SHAFT FOR REMOTE USE 20"			1.50
CW-21215	DYNAMOTOR FOR 12 VDC W/PLUG			5.95
CW-22266	TEST METER IN CASE 0-35 MADC 2½" METER RD. WITH PLUG.			3.95
CW-62017	JUNCTION BOX W/4 PLUGS.			3.00
SPARE TUBES:	77,78 OR 38233 EA.$2 SET(6)			9.00

EQUIPMENT LISTED ABOVE IS UNUSED FROM W W II

PANORAMIC ADAPTER

BC-1032 PANORAMIC ADAPTER; FOR USE WITH RECEIVERS HAVING A I.F FREQ. OF 5.25 MC. AND WILL PERMIT THE OPERATOR TO VISUALIZE A PORTION OF THE RECEIVED SIGNAL ON THE 3" CATHODE RAY TUBE THE SIGNALS DISPLAYED WILL BE 500 KC BELOW & 500 KC ABOVE THE FREQ. THAT THE RECEIVER IS TUNLD TO. ADAPTER ALSO HAS THE USUAL CONTROLS USED WITH OSCILLOSCOPE OPERATION PLUS 500 AND 1000 KC SWEEP CONTROL. VOLTAGE REQ. 115V 60HZ. WITH TUBES 2/6AC7, 1EA. 6SA7, 6SG7, 6SL7, 6SQ7, 6X5, 2X2, 0C3 & 3AP1 CRT.
SIZE: 13½x8¾x15; WT: 45 LBS.
PRICES: USED REPARABLE $49.50 MANUAL $7.50

NATIONAL RECEIVER



H R O RECEIVER 900 KC TO 30 MC WITH PLUG-IN COILS; 900-2050 KC, 1.7-4.0 MC, 3.5-7.3 MC, 7.0-14.4 MC; 14.0-30.0 MC. SUPERHETRODYNE FOR CW., MCW., PHONE. THIS IS ONE OF THE ALL TIME GREATS OF AMATUER RECEIVERS AND FOR THE PRICE YOU CAN NOT BEAT IT TO-DAY. TUBE LINE-UP IS 6D6 1ST & 2ND R.F. 6C6 1ST DET & HF OSC. 6D6 1 ST & 2ND I.F., 6C6 BFO., 6B7 D-DET. AVC, 1 ST AUDIO & 42 AUDIO OUTPUT. LARGE 5" DIAL, "S" METER, 2000 OHM, 500 OHM & 500 OHM PHONE AUDIO OUTPUT JACKS ON FRONT PANEL, PHASING, R.F. AUDIO, CW. CONTROLS. POWER SUPPLY REQUIRED 240 VDC @ 70 MA. & 6.2 VAC @ 3.4 AMPS.
SIZE: 17x9x10; SHPG. WT. 77LBS. IN WD. BX. AS RECEIVED RE-COND. FROM CANADIAN GOVT. OR SHPG. IN CARTONS 50 LBS. $125.00 MANUAL $5

WE HAVE MADE A 115 VOLT 60 CYCLE POWER SUPPLY FOR THIS REC. WITH SPEAKER (SEE P.20) $23.00

LED - SUPPLIES - NICAD BATTERY

OPCOA L E D .33 INCH READOUT REQUIRES 7447 DRIVER.
SLA-1 7 SEGMENT 0-9 & DECIMAL
SLA-2 PLUS, MINUS & ONE
$2.00 EACH 3 FOR $5.00

TRIPLETT No. 12277 P.S.
INPUT: 105-125v50-400HZ
OUTPUT: 5.8VDC@310 MA.
USED IN BATTERY CHARGER CIRCUITS FOR (4) FOUR NICAD BATTERIES.
$2.75 EA. 2 FOR $5.00

METRONIC No. ESMP P.S.
INPUT: 120 V 60 HZ 3MA.
OUTPUT: 7.5 VDC@150MA.
9.6 VDC OPEN CIRCUIT
$2.95 EA. 2 FOR $5.50

BOTH UNITS PLUG INTO AC OUTLET DIRECTLY

NICAD RECHARGEABLE BATTERIES 1.2 VOLTS 2.0SC SIZE C, GOULD#4872 $1.60 EA. 4 FOR $6.00

VACUUM TUBE VOLTMETER

VACUUM TUBE VOLT-OHMETER; AC-DC VOLTS 0-1.5/5/15/50/150/500/1500 SCALES. OHMS Rx1/10/100/1K/10K/100K & Rx1M. JACK FOR R.F. PROBE. LESS AC-DC-OHMS & R.F. PROBES. SOLD AS USED REPARABLE-NOT CHECKED
SIZE: 7½x5½x4; 5 LBS.
RCA WV-97A $22.50 SIMPSON 311 $27

ORDERING INFORMATION SEE PAGE 2

FAIR RADIO SALES CO., INC.
1016 EAST EUREKA STREET - P. O. BOX 1105
LIMA, OHIO 45802 - TELEPHONE (419) 223-2196

MINIMUM ORDER $5.00

FAIR RADIO SALES CO., INC.

100-0-100 DC VOLT 300-0-300 DC VOLT SCALES WITH SHUNTS AND INSTRUCTIONS 3½" GE-DO-41BAA4 NEW $4.95

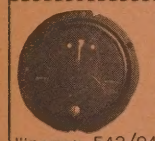
500 MICROAMP DC MOVE. FACE MARKED "SET TO RED LINE" LINE LEFT CENTER MARKED"6 V"TOP "150 V" BOTTOM. 3½" ROUND SEALED, RUGGEDIZ. TELECTRO TM-263. #6625-255-0121 NEW $6.95

425 MICROAMPERES D.C. 4x4½ SCALE, TOP 0-60 BOTTOM 0-3/15/60 MARKED ACV DCV AND MILLIAMPERES. P/O 1-135E TEST SET, M-1 #P30033 USED $6.95

GO - NO GO SCALE FULL SCALE 1 MA. 3½" RD. RUGGEDIZED; MARION MODEL HS3. #5200 NEW $5.95

PHAOSTRON CLEAR PLASTIC CASE 50 MICRO AMP D.C. 0-5 SCALE 3½" #715-16-20 $4.95 NEW

500 MICROAMPS. D.C. RES. 300 OHM DC. 1¾"SQ. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 $4.95



SELSYN METER FOR CHECKING LEAD AND LAG. TERMINALS FOR 115 VOLT A.C. AND FROM SEL SYN. 4½" DIA. WESTON 543/245620 U $6.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. 1100 OHMS 10% 4x4½x5 WT. 3 LBS USAF-5200-474900 $4.95

MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN 1-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 $4.95

TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA. 2½" RD. SEALED. NEW $5.95

DECIBELS

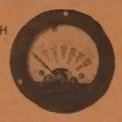
-10-0-6+ 6 MW 600 OHMS 2½" RD. WEST. CO;2837 NEW $4.95

-8 TO 0 TO +6 SC. 6 MILLIWATTS, 600 OHMS, 3½" RD. WESTON 301/21 USED $3.95

-10 TO 0 TO -6 DB; 3½" RD. VARIOUS MFG. #6625-157-7802 NEW $4.95

POWER SET +6 TO 0 TO-3 2½" RD. FS-200 UA, WACLINE 1496/400 RUGG/SEAL U $3.95

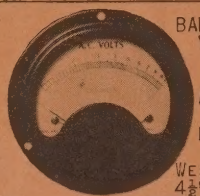
VOLTS-AMPS-MILL



0-1 MA 3½ IN WITH SHUNTS & MULTIPLIER RESISTORS PROVIDE RANGES LISTED: 0-120, 600 MA; 0-3,12, 30,60 AMPS; 0-30,60,300,1200 VDC. METER,SHUNTS,MULTIPLIER RESISTORS MOUNTED ON TERMINAL BOARDS, REMOVED FROM UNUSED EQUIP. MS-199 $14.95

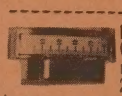
0-500 MILLIAMMETER RF w/ THERMOCOUPLE. 3½" RD. METER IN 4¼x4½x3¼ WOOD BOX. BOX HAS 1" FLANGES FOR SURFACE MOUNTING. WITH SO-239 TYPE CONNECTOR. ORIGINALLY USED WITH A-68-A ANTENNAS AND SCR-274 RADIO EQUIPMENT WT: 3 LBS. UNUSED $7.95

ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3½" RUGGEDIZED REMOVEABLE PLASTIC LENSE, BLACK FACE. TOP SCALE 0-500,LOWER 0-10 #300-10764 UNUSED $3.95

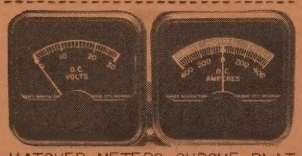


BALLENTINE V.T.V.M. METER ONLY AC VOLTS 1-10 DECIBELS 0-20 WESTON 643 4½" OR EQ. MFG. PT. NO. 205007 NEW STK#6625-557-0899 $8.95

OUTPUT METER FOR TS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3½" RD. MARION HS3, #5705 NEW $7.95



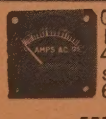
EDGE-WISE METER 0-100 D.C. MA. FULL SCALE 20 MA 2½x3½x3/4 FACE INTERNATIONAL 1135ULB $5.95



MATCHED METERS CHROME PLATED 2¾" SQUARE,2" HOLE MTG. 0-30 VOLTS DC #1046A-12 $1.95

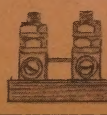
DC AMPERES 400-0-400 SCALE INDUCTION TYPE MOVEMENT. #1696-1B $1.95

A.C. AMPERES



GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" SQ. #2319-6625-649-1982 NEW $3.95

0-5 AC AMMETER, 3½" ROUND, RUGGEDIZED; WESTON 1534 #6625-649-4076 NEW $5.95



SHUNT

50 MV. 15 AMP SIZE: 2x1¼x1¼ 6625-810-6742 UNUSED $2.50

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196

STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS

PRICES NET, F.O.B. LIMA, OHIO SEND CASH, CHECK or MONEY ORDER with PURCHASE ORDER.

MINIMUM ORDER $5.00
Orders less than $5.00
ADD $1.00 HANDLING CHARGE

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C. O. D. ORDERS, SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

D.C. MICROAMPS.

0-200 D.C MICROAMPERES, 3½" ROUND. CENTER ADJUSTMENT. USED WE#167807 $4.95

0-200 DC MICROAMPERES, 3½" RD., RUGGEDIZED, MARION HS3 #3981 NEW $4.95

0-200 DC MICROAMPERES 2½" RD, PLAIN SCALE MARKED CALIBRATE- ZERO. RES. 75 OHMS #6625-504-2327 NEW $4.95

CARRIER LEVEL 0-130 SCALE FS= 130 UA DC 4½" RD. RUGGEDIZED; WESTON MODEL 1541; #1168 NEW $8.95

D.C. AMPERES

0-50 DCA SC. REQ. 50 MV SH 3½" RD. RUGED #8027 NEW $9

0-5 DCA SC. 2½" RD. RUGGED WESTON 2521 #6485 NEW$5.95

DC AMPERES, 50 MV MOVEMENT. 3½ RD. SPECIFY SCALES. 0-80 DCA, SCALE 0-100 SCALE 0-1/5/25 SCALE/EACH $6.95

0-5 DCA SCALE, 2¼" SQUARE, EMICO RF2C-2202; #6625-909-0433. NEW $3.95

30-0-30 DCA PHASTRON RUGGED 50 MVDC MOVE. EXTERNAL SHUN REQ. 2½" RD #1708 $5.95

0-300 DCA 4½" RD. STD. FS-50 MV. #173030 NEW $9

30-0-30 DCA PHASTRON RUGGED 50 MVDC MOVE. EXTERNAL SHUN REQ. 2½" RD #1708 $5.95

0-450 DCA 1¾" SQ. RUGGED. FS-50MV WESTON1011 NEW $6

0-3 DCA PHASTRON 2½" RD. RUGGED. #519-2000 $5.95

D.C. MILLIAMPS.

0-200 MADC SCALE, 2½" ROUND DEJUR S-210/MR25200DCMA USED $2.95

0-200 MADC SCALE, 3½" ROUND GE#DO-41/CG-22063 NEW $4.95

0-250 MA DC, FS=5 MA., 1½" SQ., VARIOUS MFG., #6625-504-2250 SEALED NEW $3.95

0-15 SCALE, FS=10 MA. DC, 2½" RD. RUGGEDIZED, HONEYWELL, #0043 NEW $3.95

0-80 MADC SCALE, 2½" ROUND; RUGGEDIZED; HICKOK OR MARION MFG. #6625-539-8274 ~~NEW $4.95~~

0-5/10/50 GRID BIAS VOLT SC 0-1 MA. MOVE, D.C. RUGGEDIZ VARIOUS MFG.#MEB-1001 $3.95

0-10-500 SCALE, FS=1 MA DC 3½" SQ., SIMPSON, #6625-842-8885 NEW $4.95

0-50 MADC SCALE, 3½" ROUND WESTON 301 USED $4.95

0-25 MADC SCALE, 0-1 MA. MOVE. RUGGEDIZED, BLK, FACE WESTON #1521/GA-52832 USED $4.95

3½" ROUND RUGGEDIZED MA DC METERS. NEW. SELECT RANGE: 0-100 MADC #4265 $5.95 150-0-150 MADC #3498 $5.95

0-100 DCMA 3½" RD. RUGGED. FS-100 #4265/8457NEW $7.95

0-750 DCMA SC/MOVE 1¾" SQ. BL/PL FACE ROW/2015 NEW$5.

HONEYWELL MM2 MILLIAMMMETERS; 2½" FAN STYLE, PLASTIC CASE, NEW $5.95 EACH
0-15 MA DC, ORDER #7993
0-150 MA DC, ORDER #9015

A.C. VOLTMETERS

0-150 VAC 2½" RD. STD. USED GRO-3169 $4.95

0-50 VAC 4-1/8x4-5/8 STD. #6227 NEW $9.95

0-3-10-30-100 VAC SCALES(4) 2½" ROUND, RUGGEDIZED,SEALED,FS=1.5 VAC#210-07231 UNUSED $4.95

0-300 VAC SCALE, 2½" ROUND WESTON RUGGEDIZED, DIRECT READING.#3F8300-72 N. $3.95

0-10 VAC, 2½" ROUND, RUGGEDIZED, PHAOSTRON #6625-649-4816 NEW $4.95

0-50 V 1000 CYC. SCALE, 3½ ROUND GE#VAT4M50 USED $4.95

MANY OTHER RANGES IN STOCK 0-1 TO 0-50, 3½" RD OR SQ ALSO 2½", SPECIFY SIZE & RANGE. 2½" USED $2.95; NEW $3.95; 3½" " $3.95 N $4.95

380 TO 420 CYCLES SCALE, 115 VOLT COILS, 5½" ROUND, FOR USE WITH EXT. REACTOR. WESTH.#DY/724979 USED$7.95

0-150-300 VAC 400 CYC, 3½" RD., RUGGEDIZED, WESTON 1534 EXTERNAL RES. FOR HIGH RANGE #6625-851-7278 NEW $5.95

D.C. VOLTMETERS

WESTON 2½" RD. RUGGEDIZED 0-30 VOLTS DC #1521 $7.95 0-50 VOLTS DC #2521 $7.95

0-30 VDC SC. 200 MUA MOVE 3½" RUGG.#527-3097 $6.95

0-50 VDC 3½" RD. RUGG/STD # 6380 OR EQ. $6.95

0-75 VDC SCALE, 3" RD. PROJECTION TYPE, WESTON 301, 1000 OHMS PER V.#248-7207 NEW $5.95

0-1.5 VDC SCALE, 2½" ROUND PHASTRON, RUGGEDIZED #683-9729 UNUSED $4.95

0-500 VDC SCALE, 3½" SQUARE HONEYWELL #231-1624 UNUSED $5.95

0-5 KVDC 3½" RD. RUGGEDIZED FS-1 MA. 3F1500-13 $8.95

0-500 VDC 2½" RD RUGGEDIZED FS-50 MUA #683-9829 $5.95 FS- 1 MA. #MR26W500 $5.95

0-100 VDC SCALE, 3½" ROUND FS=100 V. BURLINGTON#431/MR35W USED $4.95

0-500-1000 VDC, FS-500 VOLTS 3½" RD., RUGGEDIZED, WACLINE #6625-842-9705 NEW $6.95

0-150 VDC, 3½" ROUND, HOYT NO. 17-L, UNUSED $4.95

0-300 VDC SCALE; 2½" ROUND. RUGGEDIZED, BLACK FACE. WACLINE 82056 NEW $4.95

0-1000 VDC 2" SQ. STD. W/ 1000 OMM RES. TRIPOLET # 227-T NEW $8.95

AC VOLTS PORTABLE 0-15 & 150 SCALES SUP#1550 USED $15

OIL - TEMP INDICATORS DUAL MOVEMENT & COILS W/8 RES. IN SERIES/PARALLEL, 280 MU AMP AT PLUG 150 MUA MOVE. POINTERS CAN MADE TO READ UP/DOWN DEPENDS HOW WIRED. EXPERIMENTER ITEM FOR MULTI-CHANNEL STERO USE. GRO-24 USED $2.95

R.F. AMMETERS

0-100 SCALE, FS=1.2 MA. 2½" ROUND VARIOUS MFG. USED $2.95 NEW $3.95

0-5 R.F. 2½" RD. WESTON RING MTG. #8314 NEW $6.95

0-10 R.F. 3½" RD.25CYC TO 20 MC. WEST. 4157 NEW $15

0-15 R.F. 3½" RD. 25-CYC-20 MC. WEST.0159 NEW $15

A-61 ANTENNA DUMMY LOAD WITH 2½" RD. 0-5 RF AMMETER. RES: 5 OHMS, CAP: .0001 MFD., POWER RATING: 50 WATTS. ALUMINUM CASE W/MOUNTING RACK. SIZE: 7x5½x2½ WT: 3LB PRICE: USED $6.95

DC VOLTMETERS

0-1 VDC SCALE 2½" RUGGEDIZE FS-1V. NEW # 0887 $5.95

0-10 VDC SC. 1¾" SQ. RUGGED FS-50 MV. NEW #0768 $4.95

0-10 VDC SC. 2½" RD. RUGGED NEW #2979 $5.95

0-5-10-20 VDC SC. 2½" PLAIN 500 µA FS. NEW #0250 $4.95

0-10 VDC 2½" RD. RUGGEDIZED #9923 NEW $5.95

0-30 VDC, AIRCRAFT TYPE, 2" SQ. AN3203/4782 NEW $15.00

0-30 VDC SC. 3½" RD. RUGGED #3097 NEW $8.95

0-80 VDC SC. 3½" RD. PLAIN 1000 OHM P/V #8142 N $6.95

0-100 VDC SC. 2½" RD. RUGG #9545 NEW $5.95

0-200 VDC SC 2½" RD. RUGGED #4197 NEW $5.95

0-200 VDC SC 3" RD. PLAIN 250 OHM P/V WESTON 301 $7

0-300 VDC SC 3" RD. PLAIN 1000 P/V WESTON 301 U $7

0-2 KVDC SC. 2½" SQ. PLAIN 1000 P/V #9743 NEW $6.95

0-4 KVDC SC. 3" RD. PLAIN 1 MA. FS. WESTON 301, U $7

0-5 KVDC SC. 3" RD. RUGGED 1 MA FS. #5733 NEW $7.95

0-8 KVDC SC. 3" RD. RUGGED 1 MA FS. #9415 NEW $7.95

0-20 KVDC SC. 4x4½ PLAIN 1000 P/V WESTON #9085 $12

0-8 KVDC SC. 4½" RD. RUGG. 1 MA. FS. #3239 $12

0-750 VDC SC. 4x4½" GREY SWBD TYPE 1000 OHMS PER V. WESTON 610 #1505 NEW $25.

AC VOLTMETERS

0-3 VAC 3" RD. SUB-PANEL MT 1000 P/V 2F8003-11 NEW $7.95

0-7.5 VAC 3" RD. NOT-RUGGED WEST #CAY22237 N. $6.95

0-10 VAC 2½" SQ. ST. TYPE. ROUND WESTON 517 N. $5.95
SQUARE " " N. $5.95

0-15 VAC 3" SQ. ST. TYPE. WESTON 476 N. $7.95

0-20 VAC 2½" RD. RUGGEDIZED #756-1866 N. $6.95

0-50 VAC 3½" RD. ST, TYPE WESTON 476R UN. $7.95

0-50 & 0-300 VAC SC. ST. TY 2¾ SQ, #6783 N. $6.95

0-150 VAC SC. 3½" RD. STD. #GR04071 USED $7.95

0-200 VAC SC. 3½" RD. RUGG. 1000 P/V #0747 NEW $9.95

0-750 VAC SC. 2" SQ. STD. T FS-30 VAC #088-0476 N. $5.95

TRIO ELECTRONIC A.C. VOLTMETER MODEL 142-1608 3½" RD. 4¾" DEEP #6625-984-2613 USED $14.95 NEW $22.95

DC MILLIAMMETERS

0-1 DCMA SC. 1¾" SQ. MR13W001DCMA N. $4.95

0-1 DCMA SC. 1¾" RD. SINLE HOLE MTG. INTERNAT. #100W NEW $4.95

0-1 DCMA SC. 2½" RD. RUGGED #4079 NEW $6.95

0-1 DCMA SC. 3½" RD. RUGGED #3228 NEW $8.95

0-1 DCMA SC. 2½" SQ. #0659 NEW $6.95

0-1.5 DCMA SC. 3½" RD. STD. MR34W1R5DCMA USED $6.95

0-2 DCMA SC. 2½" RD. STD. MR26W002DCMA NEW $6.95

0-2 DCMA SC. 3½" RD. RUGGED #4078 NEW $8.95

0-3 DCMA SC. 3½" RD. RUGGED #4081 NEW $8.95

0-10 DCMA SC. 1¾" RD/SINGLE HOLE/MTG. FS=1MA #7693 $3.95 N

0-10 DCMA SC. 3" SQ. STAND. FS=10 MA. #7527 NEW $8.95

0-10 DCMA SC. 1¾" SQ. WHITE FACE FS=1 MA #3538 N $4.95

0-15 & 0-50 DCMA SC. 3½" RD RUGGED, FS=50 µA, MARKED VOLTS/MA #7484 NEW $8.95

0-50 DCMA SC. 3½" RD. STD. #GR0-50 USED $6.95

0-100 DCMA SC. 3½" SQ. STD. #7474 NEW $6.95

0-100 DCMA SC. 2½" RD. STD. 1.2 MA=FS 3F910-7 NEW $3.95

0-150 DCMA SC. 3½" RD. STD. CAY22061 USED $5.95

0-150 DCMA SC. 3½" RD. STD. #3088 NEW $7.95

0-300 DCMA SC. 3½" RD. STD. #GR0-300 USED $6.95

0-500 DCMA SC. 3½" RD. STD. #GR0-500 USED $6.95

0-200 SC. MARKED PLATE, GRID BATT. BLK. FACE, FS=1MADC. 2½" RD. ART-13/M-102 U $4.95

0-200 DCMA 2½" RD. BLK. FACE FS=200MA. TCS458N0710 U $4.95

FREQ. METERS

48 TO 52 & 58 TO 62 CYCLES PER SECOND, 3" RD. JBT 30F OR EQUAL. 100 TO 130 VOLTS #5679 NEW $19.95

380 TO 420 CYCLES PER SEC. 3½" RD. 100-130 V. JBT 33-FHXX-SERA #5877 NEW $24.95

380 TO 420 CYCLES PER SEC. 2" RD. 100-150 V. FRAHM #2896 #3702 NEW $22.95

0-50 DCMA EDGE-WISE 1x3¼x3 IDEAL #458-0667-00 NEW $4.95

"V-U" 75-0-75 MICROAMP DC 1" SQ. JAPAN SN-871 $1.50

DC AMMETERS

0-2 DCA SC. 3" SQ. STAND. WESTON 731 #1750 NEW $8.95

0-300 DCA SC. 4¼" RD. RUGGED FS-50 MV #8795 NEW $14.95

0-1500 DCA SC. 3½" RD. STAND FS=50 MV #3376 NEW $7.95

15-0-15 DCA SC. 3¼x3¾" SQ. STAND. FS=30 A. #6731 U $5.

25-0-25 DCA SC. 3½" RD. STAN #5988 NEW $7.95

50-0-50 DCA SC. 3½" RD. RUGG 100 U A =FS #2182 NEW $8.95

AC AMMETERS

0-1 ACA SC. 2½" RD. ST. TY WESTON 517 U. $4.95

0-1.5 ACA 3½" RD. STD. #MR36W1R5ACAA NEW $9.95

0-2 ACA SC. SPECIFY TYPE WESTON 476 3" SQ. U $6.95
" " 3½" RD. U $6.95

0-20 ACA SC 2½" RD. STD. TRIP-3211/34 USED $4.95

0-3 ACA 3½" RD. STD. SCALE LOW/NORM/OVER T-600 $6.95

0-150 ACA SC. 3¼" RD. STD. TRANS. REQ. #3974 N. $6.95

0-200 ACA SC. 3½" RD. STD. FS=5 A. #9710 N. $7.95

0-125 ACA SC. 60 CPS. FS=5A
0-150 ACA SC. 50 CPS. FS=5A
3½" RD. RUGG. #9105 N $9.95

0-25 AC MA SC. 3½" RD. STD. TRIPOLET 331S U $8.95

0-50 AC MA, SC. 3½" RD. STD WESTON 476 U $9.95

0-250 & 0-500 ACA SC. 3½" R FS=5 A. #4047 N. $7.95

RF AMMETERS

0-2 R.F. 2½" RD. WH. FACE ST CG-22020 NEW $7.95

0-3 R.F. 2½" RD. STD. BL. FA #TCS-457N114 USED $5.95

0-5 R.F. 2½" RD. STD. BL FA #ART-13/M-101 USED $5.95

0-5 R.F. 3½" RD. STD. WHITE #MR35W005RFAA USED $7.95

0-15 R.F. 3½" RD. STD WHITE MR35W015RFAA USED $9.95

MULTIMETERS

PIC. #1 SCALES: OHMS 0-INF. DCV 0-15, ACV 0-50, PP 0-40 0-150 DB-10-0-5+ FS=200 µ HEATH VTVM #407-62 N $18

PIC #2 SCALE #1 5M TO 0 #2 0-150 FS=750 µA 4x4¼, SC# 202130-139 FSN0562 N $15

PIC #3 SCALES OHMS 0-1000, VDC 0-3/0-10, VAC 0-30/0-10 4¼"x4½ #0752 NEW $15

1-176 TEST UNIT METER FOR MULTIMETER #8347 NEW $15.

METERS

WE PROBABLY HAVE THE LARGEST STOCK OF SURPLUS PANEL METERS IN THE COUNTRY. IF YOU DON'T SEE WHAT YOU WANT LISTED, WRITE DESCRIBING YOUR REQUIREMENTS. IF YOU DESIRE A REPLACEMENT METER, PLEASE INDICATE ALSO THE PIECE OF EQUIPMENT IN WHICH THE METER IS TO BE USED. WE JUST MIGHT HAVE WHAT YOU NEED.

METER WITH DUAL 0-3 x100A SCALE FOR USE WITH 50 MV SHUNT; 2" RD. 4¾" DEEP. SINGLE HOLE MTG. VOLTRON MODEL 12A933A; #6976 PRICE: NEW $25.00

METER WITH 0-10 "FAULT/OK/FAULT" ON SCALE A; SCALE B "OK/FAULT/CAL." FS=50 µA-DC. 1¾" SQ. #7392 NEW $5.00

METER, FIRST SCALE HAS 16 DIV., SECOND READS "LO/HI", THIRD "INPUT V." FS=50 µA-DC; 1¾" SQ. #1076 NEW $5.

0-10 DCMA SCALE, 1¾" SQ. FS=1 MA. SEALED, #3538 PRICE: NEW $5.00

0-100 DCV 1¾" SQ #2345 $8

0-100 SCALE FS=200 µADC 1¾" SQ. #9400 $8

100-0-100 DCA 50-0-50 MV SH REQ. 1¾" SQ. #2347 $8

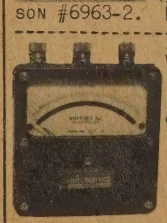
0-15 V & 0-100 MA. SCALES. FS=1 MA. 1¾" SQ. #7827 $8

RDR FREQ GHZ SCALES #1 8-10 #2-2 TO -4 #3-3 TO -1 #4 NO #, FS=25 TO 125 UA 3½" RD. RUGG. WACLINEN30759 N $8.

0-150 ADC 3¼x3½ FS=50 MV. HOYT 607 #8397 NEW $9.95

KILOHMS SCALE 10- TO .1 & 0-1 FS=1MADC 3½" #1213 N $8

100 µ-AMMETER FULL SCALE; WITH 0-1.0 AND 0-3 MIRRORED SCALES. 4¼x4½, SIMPSON #6963-2. NEW $9.95



WESTON PORTABLE A.C. AMMETER, 0-5 & 0-15 MIRRORED SCALE; 25 TO 500 HZ MODEL 433. #6625-187-1785, RE-NEW $45.00

DB METERS

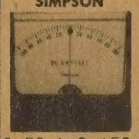
DB METER -12 TO +8, 100µA FS. 3½" RD. BLK. FACE RUGG WAC MODEL AED #4586 N $8.95

DB METER -20 TO +6 FS=192 µA 3½" RD. CLEAR PLASTIC CASE, TRIP321L #5367 N $8.95

DB METER -30 TO +70 FS=50 µA 2½" RD. STD #4680 N $6.

DB METER -20 TO +3 FS-199 µA 2½" RD #GA50934 U $3.95

SIMPSON **Wide-Vue**

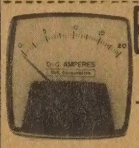


0-100 DC AMPS 4¼x4½ 6317 $15

100-0-100 DCA 3¼" SQ 6775 $10

0-50 & 0-150 DCµA SCALE 3½" SQ. #5902 $10.00

0-50 DCµA 3½" SQ. #1080 $10



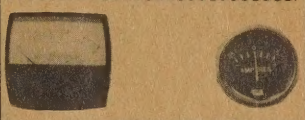
BIG LOOK

0-3 AC AMPERES 3½" #7832 $15

0-500 MA/AC 3½" #6775 $15

50-0-50 DC-µA 3½" #4739 $15

0-6 DC AMPS 2½" #8678 $10



0-5 DCA 2½x2¾ NEW-DESIGN #2403 PIC. #1 NEW $12.95

AUTOMOTIVE TYPE PIC. #3 -15-0-15+ 2" RD. AMPERES #6625-542-0893 NEW $2.95

-30-0-30+ AMPERES 2" RD. 6625-217-9014 NEW $2.95

0-30 VDC PANEL METER; MOUNTS INTO 2¾" HOLE. OVERALL: 4¼x4. API 428-2837 RI #6304 NEW $16.95

WIRE

#18 16/30 VINYL CVRD. HOOK-UP WIRE, $2.25 PER 100 FT. $16.00 PER 1000 FT.

#20 10/30 VINYL CVRD. HOOK-UP WIRE, $1.75 PER 100 FT. $11.00 PER 1000 FT.

ONE PAIR TWISTED #24 7/32 VINYL CVRD. BELL WIRE, $2.00/100 FT. $15.00/1000 FT.

AIRCRAFT TYPE WIRE, NYLON BRAID COVERING 600 VAC 200°

#22 STRANDED SILVER COATED WIRE & SHLD. $4.50/100 FT. $35.00/1000 FT.

2/22 STRANDED SILVER COATED WIRE & SHLD. $6.00/100 FT. $50.00/1000 FT.

TINNED COPPER FLAT BRAID, ¼" WIDTH $.10/FT. 3/8" WTH. $.20/FT. 34" LENGTH, $.50

TINNED COPPER TUBULAR-BRAID, SPIRAL STEEL CENTER, 3/8" DIA. $.30/FT. 9 FOOT LENGTH $2.00; 5/8" DIA. $.50 PER FOOT.

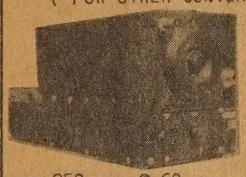
BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR $4.50
(FOR OTHER CONVERSION MANUALS SEE PAGE 21



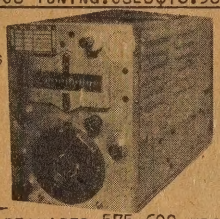
THE RECEIVERS ARE SIX TUBE SUPERHETRODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIABLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

R-23/ARC 190 TO 550 KHZ USED $16.95

R-26/ARC 3.0 TO 6.0 MHZ USED, $15.95

R-25/ARC 1.5 TO 3.0 MC UNUSED $22.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED $18.95

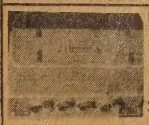


THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LB

T-20/ARC-5 4.0 TO 5.3 MC USED $6.95

T-21/ARC-5 5.3 TO 7.0 " " 6.95

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. $24.95



BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS UNUSED $9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER $9.95

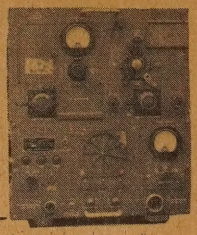
COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS			$1.50
DM-32 DYNAMOTOR 24 V FOR REC.		UNUSED	4.95
35x032 " 12 V " "	"		4.95
C-26/ARC CONTROL BOX	FOR ONE REC.	USED	$2.50
BC-496 " " "	TWO "	"	$1.00
BC-450 " " "	THREE "	"	2.50
BC-451 " " "	ONE TRANS.	"	1.95
BC-473 " " "	ONE REC.	"	$2.50
CONNECTOR PLUGS F/REC. OR TRANS.		"	1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. $1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

DYNAMIC SPEAKER FROM R-48/TRC-8; 3⅞" DIA. CONE; PM; ONE WATT NORMAL, 2 WATTS PEAK. 4-OHM IMPED. OVERALL SIZE: 4x4x2½; WT: 3 LBS. PRICE: $5.95

RECEIVER-TRANSMITTER

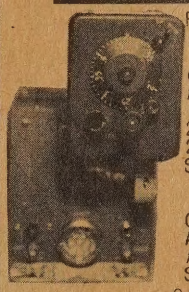


BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ. RANGE FROM 1680 TO 4450 KC. OPERATING RANGE IS 20-30 MILES FROM FIXED STATIONS AND 15 MILES FOR MOBILE ONES, DEPENDING UPON ENVIORNMENTAL CONDITIONS. THE TRANSMITTER SECTION WITH AN OUTPUT OF 45 WATTS, SENDS VOICE MODULATED SIGNALS, WHILE THE RECEIVER IS OF THE SUPERHETERODYNE TYPE, DETECTING BOTH VOICE MODULATED AND TONE MODULATED C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED FREQUENCIES WHICH MAY BE PRESET FOR TRANSMISSION AND RECEPTION. MANUAL CONTROL FOR RECEIVING IS ALSO PROVIDED. WITH TUBES 6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5, AND 2/807. POWER SUPPLY REQUIRED 115V. AC 60 CYCLE (PE-110). SIZE: 18x21x13 WT: 150 LBS. PRICE: USED NEED WORK, $39.95

PE-110D 115V. AC POWER SUPPLY FOR BC-669; WT: 100 LBS. PRICE: $30.00 UNUSED

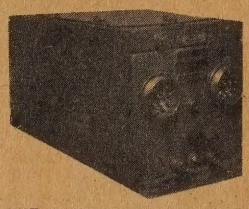
RM-21 CONTROL BOX FOR REMOTE OPERATION OF BC-669, WT: 8 LBS. PRICE: $3.95

BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS.
SIZE: 6½x5x11¾; WT: 10 LBS.
PRICE: NEW $22.50

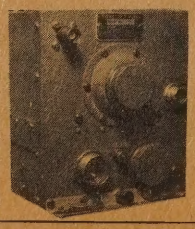
CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE. SCALE WILL HAVE TO BE CHANGED
CONTROL BOX WITH ADAPTER $4.95



CV-431/AR CONVERTER
THIS TRANSVERTER IS A COMBINED TRANSMITTER AND RECEIVER CONVERTER. THE TRANSMITTER PORTION FUNCTIONS AS A INDEPENDENT TRANSMITTER ON A FREQUENCY RANGE OF 228 TO 258 MC; IT DOES NOT REQUIRE THE USE OF ANY VHF COMPONENT FOR TRANSMISSION.
THE CONVERTER SECTION CONVERTS RECEIVED SIGNALS IN THE RANGE OF 228-258 MC TO 118-148 MC AFTER MIXING WITH A 110 MC CRYSTAL OSCILLATOR AND REQUIRES THE USE OF A VHF RECEIVER FOR RECEPTION. HIGH VOLTAGE FOR THE TRANSVERTER IS SUPPLIED BY THE DYNAMOTOR WHICH IS MOUNTED ON THE RECEIVER AND HAS A OUTPUT OF 250 VDC 60 MA. THE TRANSMITTER IS 8 CHANNEL CRYSTAL CONTROLLED, VOICE AM CIRCUIT DESIGNEI FOR AIRCRAFT TO GROUND COMUNICATION AND USES 4/5763, 1/6201 AND 1/5763 TUBES. POWER OUTPUT 0.5 WATT AT AN ALTITUDE OF 5000 FT. WITH A RANGE OF APPROX. 60 AIR MILES.

SIZE: 5¾x11¾x4¾; WT: 9 LBS.
PRICE: USED SERVICEABLE WITH TUBES $7.95

T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- TO 28 VOLTS D.C. OPERATION. USES ARC#14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCARFT. SIZE: 4½x4½x6; WT: 6 LBS. PRICE: RE-COND. $16.95



R-15/R-509 RECEIVER VHF 108-135 MC. AM. CONTINUOUS TUNING NO DIAL ON REC. DESIGNED FOR REMOTE USE, 15 MC. I.F. REQ. 24-28 V. FOR FILAMENTS AND 250 VDC 60 MA. HV. HAS FICILTY F. MTG. DYN. ON REAR, AS D-10/DM-32 ETC. W/TUBES 14A7 14F7, 12A6, 9002, 2/14R7, 9003
R-15 NO SQUELCH USED $16.95
R-509 W/ SQUELCH " $19.95

BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5-18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES TUBE COMPLEMENT WILL VARY ACCORDING TO MODEL LESS DYNAMOTOR. VOLTAGES REQUIRED: 220 VDC @ 70 MA. & 24 VDC. SIZE: 18x10x9½ WT: 40 LB
PRICE: USED, CHECKED $89.95 NOT CHECKED $60

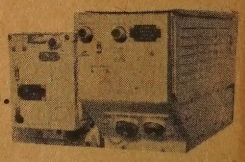
DM-28 DYNAMOTOR 28 VDC	USED	$4.95
115 VAC POWER SUPPLY W/SPEAKER		$23.00
FT-154 SHOCKMOUNTING		$2.75
PL-103Q PLUG FOR REAR OF RECEIVER		$2.50

AIRCRAFT RADIO RECEIVER 108-135 MHZ, FACILITIES AVAILABLE FOR USE VOICE, VOR, VAR, AMP-LOC, CONTINUOUS TUNING, NO DIAL ON REC., DESIGNED FOR REMOTE USE. FOR TUNING LOCALLY SEE ADAPTER DISCRBED ELSEWHERE ON THIS PAGE. WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. POWER REQ. 28 VDC & 250 VDC 60 MA. OR DYNAMOTOR D-10/DM-32 OR EQUAL.
SIZE: 6½x5x11¾; 10 LBS. R-445/ARN-30 USED $19.95

I-130 SIGNAL GENERATOR; 100-156 MHZ WITH 1000 HZ TONE MODULATED SIGNAL, M.O. AND CRYSTAL CONTROL IN 5 STEPS, VARIABLE TUNING OVER ENTIRE RANGE WITH SEPARATE TUNING OF CRYSTAL OSC. CIRCUIT. WITH TUBES 2/9002 & 3/9003. POWER REQUIRED 135 VDC AND 6 V.
SIZE 19x9¾x7½; WT: 27 LB. PRICE: USED $24.95

R.F. COAXIAL OUTPUT CONNECTOR	PL-173	$1.50
POWER INPUT CONNECTOR	PL-177	$1.50

VHF RECEIVER-TRANSMITTER



VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE AXCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30/ARC-5 CONTROL UNIT WHICH IS AVILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE.
(FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME III PRICE $3.50)
SIZE: 14x7½x4¾; WT: 16 LBS. USED $18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY TH MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATLY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V.
SIZE: 15½x8½x5½; WT: 15 LBS. RE-NEW $24.95

MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW $12.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCTAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING.
SIZE: 6½x5x11¾; WT: 10 LBS. USED $12.95

BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET $3.00 OTHERWISE		$4.95
SPIN TUNING KNOB FOR LOCAL USE		$1.50

SCR-522 RADIO SET
100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER; 1/9002, 1/9003, 3/12A6, 1/12C6 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE; 16½x12½x10-3/4" WT: 49 LBS. PRICE: USED $29.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES $14.95 NO TUBES $7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS PRICE, USED WITH TUBES $18.95 NO TUBES $7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED $1.95 BC-602D NEW $2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX	NEW	$2.95
AN-104 ANTENNA, METAL COVERED WOOD	NEW	1.95
PE-98 DYNAMOTOR 12 VOLT	USED	9.95
PE-94 " 24 "	"	4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. $1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. $1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. $1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. $1.50 EA.

PD-5/ARA-19 TUNING DRIVE FOR AM-203B AMPLIFIER; PART OF ARN-6 RADIO COMPASS REMOTE TUNING SYSTEM. WITH DELCO PM MOTOR. SIZE: 4½x2x4; WT: 5 LBS USED $9.95; PLUG F/PD-5 $1.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13½x5x7 WT: 17 LBS.

PRICE: USED $7.95

I-101C CROSS POINT INDICATOR, USED $1.95
PL-257 PLUG TO FIT I-101C 1.50

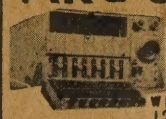
BC-732 CONTROL BOX USED $1.95 NEW $2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT.
PRICE: $4.95 PLUGS ONLY 1.5
PRICE: $4.95 PLUGS ONLY $1.50 EA.

DM-53 DYNAMOTOR 24 VOLT		USED	$6.95
DM-53AZ " 12 "		"	7.95
AS-27 RAMS HORN ANTENNA	$5.95	AS-27A	9.95
PL-284 TWIN COAXIAL CONNECTOR			2.00

I-155-A TEST METER

I-155-A TEST UNIT FOR BC-950-A TRANSMITTER. APPEARS TO BE SIMILAR TO TS-178/ARM-1 USED TO CHECK VOLTAGES AND CURRENT IN THE CIRCUITS OF ARC-3 EQUIPMENT. INCLUDES 3½" ROUND 0-100 SCALE FS=1 MA 150 OHM RES. METER COUPLED TO A 7-POSITION SWITCH. CHECKS (1) OSC. GRID CURRENT, (2) 1ST H-G GRID CURRENT, (3) 2ND H-G GRID CURRENT, (4) RF AMP GRID CURRENT, (5) RF AMP CATHODE CURRENT, (6) HEATER VOLTAGE AND (7) PLATE VOLTAGE. WITH 4' CORD AND PL-152 PLUG. SIZE: 8x5x4 WT: 4LBS. UNUSED $7.95

ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6 WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. W/SCHEMATIC

PRICE: R-77/ARC-3 USED $24.50
R-5009/ARC-502 24 CHANNEL USED $24.95
PL-153 PLUG FOR FRONT OF SET $ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15½x7½x12½. WT: 21 LBS.

PRICE: USED WITH TUBES $24.95

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10½x3½x8½. WT; 7 LBS.
PRICE USED.... $7.95
CONNECTOR PLUG FOR EACH FICILITY $2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: $4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING.

CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT: 8 LBS.
PRICE: NEW $6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE $2.95

CX-58/VRC-1	PLQ-170 PLUG & LUGS,	36"	LONG.
CX-60/VRC-1	PL-169 " " "	36"	"
CX-62/VRC-1	PL-172 " " "	66"	"

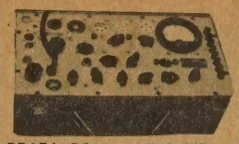
REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES——N-S-E-W, AND IS OPERATED BY THE 12 VOLT DC INVERTER WHICH IS INCLUDED WITH THE SYSTEM. SHIPPING WEIGHT: 15 LBS.
PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL.....$49.95

RECEIVER 200 - 400 KC

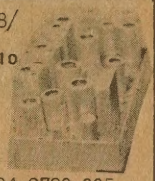
BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCTAL SOCKETS THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS BECAUSE WE HAVE FOUND SOMETIMES THE I.F COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6½; WT: 6 LBS. USED AS-IS $2.95

AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES A ACCURATE MEANS OF TUNING SET ELECTRICLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE, SIZE: 5x6x4½; WT: 6 LBS.
PRICE: RE-NEW $8.95



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT-LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINIATURE, SUB.-MIN. RD. FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS. SIZE: 6¼x8½x15½; WT: 20 LBS.
PRICES: USED REPARABLE $29.95 CHECKED $39.95
ADAPTERS F/2C39 OR 829/832 $5. MIN. LG LD $3
WATERDAMAGED UNITS; LESS, LEADS, BOOK, PIN STRAIGHTENERS BUT WITH GOOD TRANSFORMER $10.



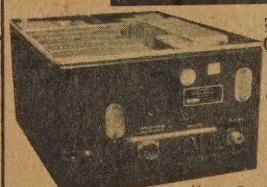
GUARD RECEIVER AS USED IN RT-178/ARC-27, COVERS FREQ. OF 238 TO 248 MC. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC 1ST I.F. 3.45 FINAL I.F. WITH R.F GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5. SIZE: 8/x4½x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED $7.95 STK#5821-505-3684

20-30 MC IF AMPLIFIER WITH CRYSTAL MOUNTING AND SELECTION SWITCH. THE CRYSTAL MOUNTING IS FOR 10 CR-23/U CRYSTAL HOLDERS, THE CRYSTALL SWITCH IS OPERATED IN CONJUCTION WITH THE SLUG TUNED COILS AND A SCREWDRIVER IS USED FOR THIS PURPOSE. WITH TUBES 6/6AG5 AND 12AT7. #5821-505-3236
SIZE: 7½x4x3½; 4 LBS. USED $6.95

I.F. AND AUDIO AMPLIFIER AS USED IN ARC-27. THE 5.7-4.8 MC I-F AMP. FOR THE RECEIVER AND TRANSMITTER ARE TWO SEPARATE SECTIONS WITH 3.45 MC I.F TO THE DETECTOR AND AVC GATE ALSO SQUELCH/AUDIO AND AUDIO AMP. SECTIONS. WITH TUBES 7/6BA6, 6/12AT7, 1/6AQ5 AND 2/6AL5. SIZE: 8½x5½x4; WT: 5 LBS. P/T#505-0317-036 PRICE: USED $8.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ. AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9½x4¾ WT: 7 LBS. USED, $12.95

RADIO COMPASS



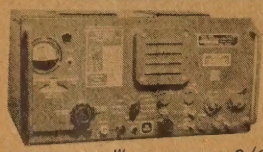
RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SQ7 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11½x7½x15½
PRICE: $39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS.
PRICE: (AS ILLUSTRATED) USED $7.95
MANUAL FOR RA 101A/ARN-6.....$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3¼" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM $8.95

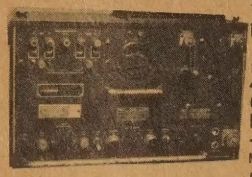
C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. WRITE AS TO AVAILABILITY AND PRICE.

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2½" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED $34.95

FM TRANSMITTER 70-100 MC



T-14/TRC-1 TRANSMITTER F.M. 70 TO 100 MC 40 W. 115/230 V 60 CYCLE INPUT. WITH TUBES 1/829, 4/6V6, 16SL7, 1/6SN7, 2/6AC7, 1/816 & 5R4. PHASE SHIFT MODULATION -30 KC., 2½" METER FOR MEASURING THE VOLTAGES OF THE DIFFERENT STAGES CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE. SIZE: 16½x10x12; WT: SHPG. 100 LBS.

PRICE: USED, REPARABLE, $39.95

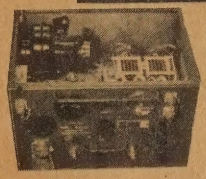
AM-8/TRA-1 POWER AMPLIFIER, LISTED BELOW CAN BE USED TO BOOST THE POWER OF THE T-14

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER; 70 TO 100 MHZ FM IN 300 CHANNELS. 1ST IF VARIABLE FROM 32.5 TO 47.5 MHZ; 2ND FIXED 5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12¾x19¼ SHPG. WT: 50 LBS.

PRICE: USED, LESS CRYSTALS, $29.50

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V.CT 15 A. IS SUPPLIED IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10½x12; WT: 55 LBS. IN CHEST 100 LBS

PRICE: LESS 4E27 TUBES, U $18.50 RE-NEW $24.50 WITH TWO (2) 4E27 TUBES $10.00 EXTRA

450 TO 470 MHZ

RCA TYPE CMU-15B CARFONE RECEIVER-TRANSMITTER, FM 450-470 MHZ RANGE. SINGLE-CHANNEL CRYSTAL-CONTROLLED UNIT WAS ORIGINALLY DESIGNED FOR MOBILE USE, OPERATING FROM EITHER SIX OR TWELVE VOLT SOURCE DEPENDING ON THE POSITION OF THE INCLUDED VIBRATOR. THE RECEIVER SECTION'S LOW IF IS 455 KHZ AND A HIGH IF OF 15.145 MHZ. SQUELCH RANGE IS 0.2 U-VOLT TO 0.7 U-VOLT. AUDIO OUTPUT: 1 WATT; OUTPUT IMPEDANCE: 4 OHMS (SPEAKER), 600 OHMS (LINE). INPUT IMPED: 50 OHMS. THE TRANSMITTER SECTION HAS A 15 WATTS MIN. RF OUTPUT, CRYSTAL FREQ. RANGE 12.501 TO 13.054 MHZ. (x36). FREQUENCY SWING FOR 100% MODULATION AT 1000 HZ IS 15 KHZ. AUDIO INPUT IMPED: 100 OHMS. THE POWER SUPPLY PROVIDES THE FOLLOWING VOLTAGES: 285V. @ 280 MA, 270-285V. @ 95 MA, 270V @ 20 MA, 170-285V. @ 15 MA (TRANS.). AND 215V @ 4 AND 53 MA (REC.). WITH TUBES 2/5894, 6360, 5763, 6/6BH6, 6AK6, 2/6AM4, 2/6CB6, 6AL5, 5/12AT7, 3/12AX7, 6AB4 SIZE: 15x6¼x18 SHPG. WT: 60 LBS.

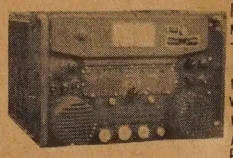
PRICE: USED, LESS COVER, CABLES AND CONTROL BOX $40.00

VHF RECEIVER

BC-639 RECEIVER AM 100 TO 156 MC CONTINUOUS TUNING OVER THE ENTIRE RANGE. CONTROLS FOR CW, TONE, AVC-MANUAL, R.F, AUDIO GAIN, ATTENUATION, SENSITIVITY ETC. TUNNING METER, PHONE JACKS ETC. WITH TUBES 1/6SC7, 1/6K6, 4/6SG7, 1/9002 & 3/9003. SEPARTE RA-42 POWER SUPPLY THAT SUPPLIES ALL THE REQUIRED VOLTAGES AND OPERATES FROM 115/230 VOLT 60 CYC. BOTH UNITS ARE DESIGNED FOR 19" RACK MOUNTING. REC. 10½" HIGH, P.S. 7" H. SHPG. WT: 75 LBS.

PRICE: USED SERVICEABLE $60.00 CHECKED $75.00

U.H.F. RECEIVER



R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONS WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MTG. SIZE: 19x12¼x20; WT: 115 LBS. USED SERVICEABLE

PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED $125.00

RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10½x8x20; WT: 45 LBS.

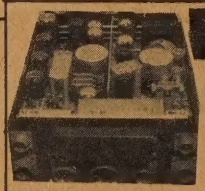
PRICE: 20 CHANNEL $60

DY-9 DYNAMOTOR 26VDC $10/DY-10 13/26 USED $15

RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES ¼ INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1¾" VU METER TO SET LEVELS. TUBES 6TF4, 26Z5, 0A2, 5/5703, 2/6533 SIZE 8x5x19½ LONG SHPG WT: 30 LBS. USED $24.95

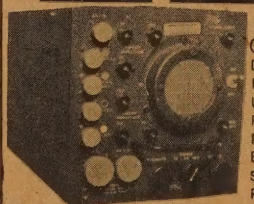
BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15½x9x8; WT: 13 LBS. PRICE: USED $18.95

TRANSCEIVER



BC-645/ABA-1 TRANSCEIVER TRANSPONDER USED FOR FREIND OR FOE IDENT. IN THE 460 TO 490 MHZ BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6¼x14; WT: 20 LBS. SOLD ONLY COMPLETE WITH DYNAMOTOR, CONTROL BOX MOUNTINGS, UHF ANTENNA, PLUGS ETC. NEW $29.95

RANGE RADAR INDICATOR



ID-169/APN-12 INDICATOR OSCILLSCOPE; USED TO DETERMINE RANGE OF RADAR NAVIGATIONAL BEACON EQUIPMENT WHEN USED WITH RADAR REC-TRANS UNITS FOR WHICH IT WAS DESIGNED. HAS VERTICAL, FOCUS, SWEEP, INTENSITY CONTROLS ON FRONT PANEL. MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X5, 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24 VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX. 425 VOLTS.) SCHEMATIC ONLY $1 SIZE: 10x8x22; WT: 30 LBS. GOV'T RE-COND $14.95

R-390A/URR RECEIVER

R-390A/URR RECEIVER, TRIPLE CONVERSION SET COVERING 0.5 TO 32 MHZ READ DIRECTLY FROM COUNTER-TYPE INDICATOR. 1ST IF VARIABLE 17.5 TO 25 MHZ; 2ND IF 3 TO 2 MHZ; 3RD IF FIXED 455 KHZ. RECEIVES CW, MCW AND VOICE; ALSO SINGLE SIDEBAND AND FSK THROUGH USE OF BFO. WITH BUILT-IN CRYSTAL CALIBRATOR EVERY 100 KHZ. OUTPUT IMPEDANCE 600 OHMS; ANTENNA IMPED. 125 OHMS BALANCED. POWER REQUIRED: 115/230 VAC 60 HZ. SIZE: 10½x19x16¾ WT: 90 LBS.

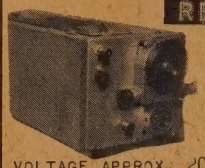
PRICE: USED REPARABLE $450 USED CHECKED $600

CU-286/FRR-33 ANTENNA COUPLER FOR R-390 RECEIVER; RACKMOUNT. UNUSED $75.00

R-388/URR RADIO RECEIVER, SUPERHETERODYNE TYPE, 0.5 TO 30.5 MHZ—30 BANDS IN ONE MHZ STEPS. WITH WIDE 6" BAND SCALE, THIS UNIT IS CAPABLE OF BEING TUNED TO ANY AM SIGNAL WITHIN ITS FREQUENCY RANGE IN EITHER MEGACYCLES OR KILOCYCLES. R-388 FEATURES FIVE STEP CRYSTAL SELECTIVITY, A CALIBRATED "S" METER, AND SEPARATE CONTROLS FOR CRYSTAL PHASING, BFO CRYSTAL CALIBRATOR, AVC NOISE LIMITER, AND ANTENNA TUNING. FREQUENCY STABILITY WITHIN 300 CYCLES; AUDIO OUTPUT 1.5 WATTS INTO 4 OR 600 OHMS. POWER REQUIRED: 115/230 V. 60 HZ. SIZE: 12½x21x13 WT: 50 LBS.

PRICE: USED, REPARABLE $350.00

RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KHZ AND 2500 TO 4700 KHZ BY USE OF PLUG-IN COILS SUPPLIED WITH THE RECEIVER. WITH TUBES 37, 38, & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX. 200 TO 250 VOLTS DC @ 80 MA. SIZE: 16x8x7; WT: 15 LBS.

PRICE: UNUSED WITH TUBES AND COILS $9.95 CONNECTOR PLUG (1) REQ. $1.50 TUNING KNOB $1. A.C. POWER SUPPLY 115 VOLT 60 HZ WITH SPEAKER CONNECTING CABLE & PLUG. IN METAL CABINET SWITCH, AND PILOT LIGHT. NEW $21.95

CONTROL TRANS. TELETYPE

C-292/TRA-7 CONTROL TRANSMITTER AND TELETYPWRITER: WHEN USED IN RADIOTELETYPE SYSTEM IT PROVIDES FACILITIES FOR ESTABLISHING FULL DUPLEX, ONE-WAY REVERSIBLE, EMERGENCY CW, OR FREQUENCY-SHIFT TRANSMISSION OR RECEPTION. IT IS A REPEATER OF POLAR AND NEUTRAL RTTY SIG. AND CONVERTS POLAR SIG. REC FROM DUAL DEVERSITY CONVERTER INTO NEUTRAL TO OPER. A REC. TELETYPWRITER. IT ALSO TRANSLATES NEUTRAL SIG. FROM A SENDING UNIT INTO POLAR SIG. FOR TRANS. OVER A WIRE LINE TO CONTROL A FREQ. SHIFT EXCITER. WITH 16 TUBES. POWER REQUIRED 115 VOLT 60 CYCLE. SIZE: CHASSIS ONLY RACK MTG. 10½x19x13. 60 LBS

PRICES: CHASSIS ONLY RACK MTG. USED $19.95
WITH CABINET 21½x12½x17⅞ (100LB) $27.50
" " 19¼x10½x13⅞ (90LB) $24.75

O-39/TRA-7 FREQUENCY SHIFT EXCITER; FOR USE IN THE 2 TO 6 MHZ RANGE, VARIABLE TUNING, MASTER OSCILLATOR IS HOUSED IN HEATED OVEN W/ THERMOSTAT FOR 60 DEG. ALSO 850 CYC. AUDIO OSC. AND BUFFER AMPLIFIER. FREQ. SHIFT 212.5 TO 850 HZ DEPENDING ON THE TRANS. USED. WITH TUBES 3/6SJ7, 2/0C3, 6AL5, 6V6, 6SA7, 6E5 & 5R4. POWER REQUIRED 115 V. 60 CYCLE. CABINET SIZE 13x21½x16¾; 125LBS. USED $39.50

CV-31/TRA-7 DUAL DIVERSITY CONVERTER, USED TO COVERT THE IF FERQ. OF TWO RECEIVERS INTO POLAR AND NEUTRAL DC TELEGRAPH SIGNALS. REC. ANTENNAS SITUATED IN DIFFERENT LOC. AND MIN. FADING. SIZE: 19¾x19¾x19; 220 LBS. USED $29.95

BD-71 SWITCHBOARD, PORTABLE SIX LINE HAND-RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96, ETC. IDEAL FOR FACTORY, CAMP, FARM OR MOTEL. WITH CHESTSET MICROPHONE AND HEADSET; FOLDING LEGS. 18x12½x14 WT: 75 LBS. USED $14.95

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING TYPE. CAN BE USED WITH ANY MAGNETO SWITCHBOARD SYSTEM LIKE BD-71, 72, 89 91, 96 ETC. OPERATES FROM FLASHLIGHT BATTERIES UP TO 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINES. WITH CARRYING CASE (MAY BE LEATHER, CANVAS, OR NYLON DEPENDING UPON AVAILABILITY), STRAP AND HANDSET. SIZE: 8x10x3½
SHPG. WT: 18 LBS.
PRICE: USED, CHECKED $16.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7¼x3½x5¼; WT: 5 LBS.
PRICE: USED $1.95 NEW $2.95

WD-1/TT INFANTRY FIELD WIRE; TWO CONDUCTOR TWISTED PAIR WITH FOUR TINNED-COPPER AND THREE GALVANIZED STEEL STRANDS PER COND. NYLON JACKET MOISTURE AND FUNGI RESISTENCE. 1250 FOOT ROLL (MAY HAVE GOV'T SPLICES) $18.00

WD-36/TT WIRE AND DISPENSER; CANADA WIRE AND CABLE COMPANY. TWIN, PARALLEL CONDUCTOR, NO. 23 WIRE WITH PLASTIC INSULATION. 2500 FOOT LENGTH. DISPENSER SIZE: 6½" DIA. X 4". WT. 7 LBS. $9.95

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5½; WT: 40 LBS
PRICE: USED $9.95

C-1151/TC TELEPHONE SET WITH SUBCYCLE RINGER. SUBCYCLE RINGER PUTS-OUT 75 TO 100 V. 7.5 W, 16-2/3 & 20 CYCLE, TELEPHONE SYSTEM HAS PUSH-BUTTONS FOR SELECTION. STANDARD TELEPHONES WITH MATCHING RINGERS CAN BE USED FOR A PRIVATE TELEPHONE SYST POWER REQ. 115 V. 60 CYCLE. RACK MTG. 19 . SIZE: 19x10½x23¼; WT: 60 LBS. UNUSED $29.95
SUB-CYCLE RINGER ONLY $18.50

C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9½x12; WT: 25 LBS. USED $6.95

RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH H-22 HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW $14.95

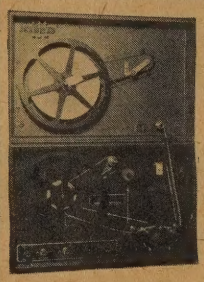
TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8½x3½x3½; WT: ACT 2LB USED $29.50 PAIR 2

TA-312/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1½ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER.
SIZE: 12x7x4; WT: 10 LBS. USED $29.50

MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4½x12; WT: 25 LBS.
PRICE: UNUSED $9.95



TG-34 KEYER: CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONL ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRING CASE, SIZE 15x10x10; WT: 40 LBS.

USED $24.95; CHKD. $29.50

CODE PRACTICE TAPES : MADE ESPECIALLY FOR THE TG-34 KEYER, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. $2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9	12WPM	CODED/GR		
	#10	12WPM	TACT/MESS		
#5 WIDE SPACE NUMBERS & LETTERS	#11	12 "	"	"	
	#12	15 "	"	"	
#6 5WPM NUMBERS & LETTERS	#13	15 "	"	"	
#7 7WPM " " "	#14	20 "	"	"	
#8 10 " CODED GROUPS OF 5	#15	20 "	"	"	

RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. INCLUDED IS ONE PINT OF INK, 2 PENS, CLEANING MATERIALS, ADJUSTING TOOLS AND MANUAL. WITH TUBES 2/0D3, 0A2, 5V4, 6H6, 6L6, 6X4, 6SJ7, 6SK7. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x16x12¾ WT: 150 LBS. IN WOOD CRATE. PRICE: UNUSED $29.95

C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HANDCRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE, CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.) UNIT USES TWO FLASHLIGHT BATTERIES. 10¼x8½x3½ WT: 12LB
PRICE: USED $10.95 LESS RELAYS $6.95

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 1D CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13½x4½x6¾; 12 LBS. PRICE: W/COVER N$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAKDOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS #D855332A RACK MOUNTING 13½x4½x6¾; 13 LBS. PRICE: W/COVER NEW $10.95

STROWGER LINE FINDER AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS
SHPG. WT: 15 LBS. #D580070/4D REMOVED $15

STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED $17

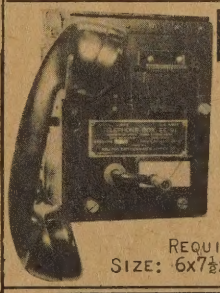
REPEATER DIAL PULSE; TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED $9.95

REPEATER #D857917-A, REMOVED, $9.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL; SYNCHRONOUS CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15½x8¾x9; WT: 35 LBS.
PRICE: USED $18.95

TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. $.60 PER ROLL; 10 ROLLS $5.00



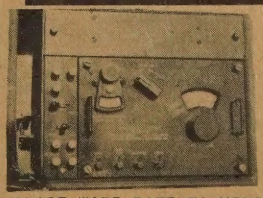
TELEPHONE BOX

EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION.
SIZE: 6x7½x5 WT: 16 LBS. NEW $19.95

OPERATOR'S CIRCUIT

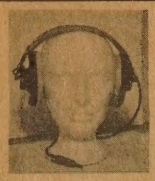
TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12
WT: 15 LBS. PRICE: RECONDITIONED, $14.95

TS-27 LINE TEST SET



TS-27 LINE TEST SET; PORTABLE UNIT USED TO MEASURE CONDUCTOR AND INSULATION RESISTANCE, LOCATE GROUNDS, SHORTS AND CROSSES. ALSO MEASURES CAPACITANCE AND LOCATES OPENS. WORKS AS A MODIFIED WHEATSTONE BRIDGE USING A SLIDE WIRE POTENTIOMETER FOR TWO VARIABLE RESISTANCE ARMS. RES. RANGE: 0 TO 50 OHMS; CAPACITANCE RANGE: .075 TO 3.0 MFD. WITH GALANOMETER NULL METER (SENSITIVITY 1 UA PER DIVISION). CONNECTIONS FOR TELEPHONE, TEST CHARTS AND BRIEF INSTRUCTIONS INCLD. TEST LEADS NOT INCLD. BATTERY POWER REQUIRED: 90 VDC, 1.5 VDC, 4.5 VDC. BATTERIES NOT AVAILABLE. SIZE: 9x13½x13 WT: 30 LBS.
PRICE: USED SERVICEABLE $49.50

Headsets — Telephone Equipment — Microphones — Handsets



HEADSETS

HB-7 HEADBAND W/ PL-54 PLUG ON 18" CORD(USED) W/NEW CHAMOIS CUSHIONS.

HS-33 600 OHM W/ NEW ELEMENTS $9

HS-23 2000 OHM NEW ELEMENTS $8

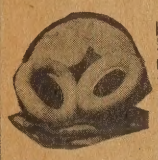
SEE BELOW CD-307 EXTENSION CORD.

HEADSET & BOOM MICRPHONE: SINGLE PHONE ELE. 300OHM 200 OHM MIC. 10' CORD, CHEST SWITCH 4 PRONG CANNON PL. ROANWELL 62890 USED $9.95

SIMILAR TO ABOVE 100 OHM M-87 MIC UG-161 PLUG. #10387 USED $12.95

HS-230 HEADSET W/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED, COMPLETE W/ ELEMENTS $6.95 HEADBAND AND CUSHIONS ONLY $4

SEE BELOW CD-307 EXTENSION CORD.



DYNAMIC HEADPHONES 50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED $4.95

T-17 MICROPHONE CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1LB

PRICES. USED: $6.95 RE-CONDITIONED $8.50

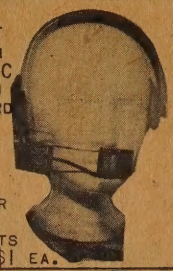
H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. $3.95

CW-51071 LIP MICROPHON 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED $1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS $1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 $1.25



H-63/U HEADSET 600&OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. $4.95 USED

MIC. OR PHONE ELEMENTS ONLY, $1 EA.

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5½ FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED$3.95

CO-78 HEADSET "Y"CORD 7' LG. RUBBER COVER NO PLUGS, TERM. $1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. $2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW $1.50

SWITCHBOARD CORD 4½' W/PL-47 #BD-96 $1.00

SECIFY OHMS YOU WANT 40 1250 D.C. OHMS

TELEX HEADSET $3.95 USED

GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢

HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND

7 FOOT CORD WITH PL-55 PLUG (CD-605). USED $2.75 EA.

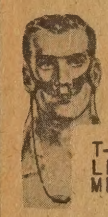
RS-38 MICROPHONE 100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG.

W/STRAIGHT CORDS 5 FT. USED $8.95 UNUSED $12

HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW $3.95

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. $4.95

TS-11 HANDSET; 4 COND-CORD, 5½', CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW $4.95



T-45 LIP MIC

H-140/GR HEADSET WITH 6' COILED COIL & U-182/U 5 CONT. PLUG. 500 OHM IMP. UNUSED $14.95

M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED$14.95

T-30 THROAT MIC.

Elements only $1.50 a dozen

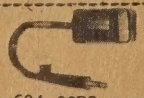
T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11"CORD NEW $2.00

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED $1.00

PL-68 MIC PLUG 30" CORD 75¢

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 5 FOR $1.00

CD-307 CORD EXTENSION FOR CORDS WIT PL-54 PLUG AS USED ON HEADSETS, 65"LG WITH JK-26 JACK & PL-55 PLUG. USED $1.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED $1.00

PL-55 PHONE PLUG 30" CORD 75¢

JK-34 PHONE JACK TO FIT PL-55 PLUG USED 5 FOR $1.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11"CORD PRICE: USED 3/$1 UNUSED $1.50

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD#R16-G34820 NEW $1.00

MICROPHONE BUTTON CARBON 50 OHM WILL REPLACE F-1 ELEMENTS. #K-53-0654 $1.00

HB-1 $1.00 HEADBAND FOR 1¾" ELEMENTS WITH 8000 OHM ELEMENTS & CORD $2.95

COILED CORD SET

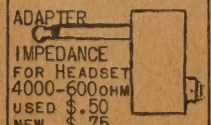
COILED CORD SETS

THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢

FOUR CONDUCTOR 12" TO 36"$1.00

ONE CONDUCTOR #18 6 FT.-18 FT. $1.00

MC-385 HIGH to LOW



ADAPTER IMPEDANCE FOR HEADSET 4000-600OHM USED $.50 NEW $.75

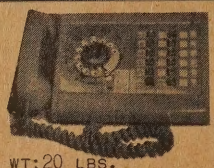
STANDARD TYPE TELEPHONE HANDSET AND CORD. USED..$2.50 NEW $4.50

STANDARD TELEPHONE DIAL USED $1.50

A-202 TELEGRAPH KEY ONLY, WITH ADJUSTABLE CONTACTS. SIZE: 4½x1½x1¾; PRICE: $1.25EA THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN QST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS

TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER IMA, OH 45804

STANDARD TELEPHONE EQUIP.



CALL COMMANDER SWITCHBOARD NB-860 AS RE-MOVED FROM SERVICE. 12 LINES $40.00 18 " $50.00 5 LINE KEY BAR ONLY $ 8.00

WT: 20 LBS.

PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE $14

DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE $15

DESK SET (SC) WITH DIAL, SIMILAR TO AE. SC#1543 RE-MOVED F/SERVICE $9

AMPLIFIED HANDSET WITH VOLUME CONTROL J11 $12

WE F-1A 20 CYCLE CHIME RINGER RE-MOVE.SER $6

STANDARD TYPE TELEPHONE BUTTONS U-1 OR T-1 $1

DESK SET AE 85D WITH DIAL 2 LINE W/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND $13

DESK SET, MODERN AE ARB-6000, 5 LINE, 1 HOLD, 6 KEY, W/ DIAL CORD & PLUG, COLORS NO FIRM CHOICE, WILL SEND IF AVAILABLE, REMOVED.F/SERVIC $22

WE LOUD BELLS #592; STRAIGHT LINE RINGER REMOVED FROM SERVICE. 2/3" GONGS $10

ALL TELEPHONE EQUIPMENT ABOVE FOR 20 CYC RING

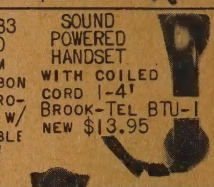
HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1½x3½ #6988 $ .50

TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) $3.95

RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE CORD 4½' & SW.

$1.95 UNUSED

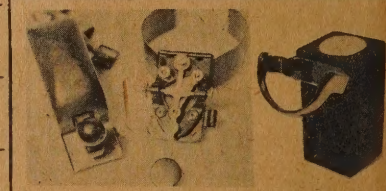
SOUND POWERED HANDSET WITH COILED CORD 1-4' BROOK-TEL BTU-1 NEW $13.95



H-22/U HANDSET 50 OHM CARBON MIC. 3500 OHM PHONE, "Y"CORD PL-68 & PL-55 SPRING COILED CORD 5' 10" PUSH T/T SW. UNUSED $7.95

HANDSET HOLDER

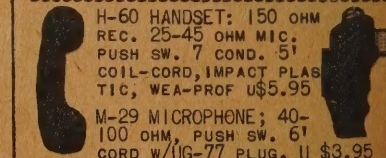
RUBBER COVERED AS ILLUSTRA $1.50 CAST ALUMINUM $2.00



TELEGRAPH KEY; BRASS CONTACTS, 4' CORD W/PL-55 PLUG, CANVAS LEG STRAPS, ST. COVER. #ZA/CAN2320 USED$3

J-37 TELEGRAPH KEY; MOUNTED ON BRASS PLATE & LEG STRAP, BRASS CONTACTS. #J-116/U J-45 USED $4.50 W/PL-55 & CORD $5.50 UG-77 $6.00

TELEPHONE HANDSET HOLDER & SWITCH HANDSET IN PLACE 1 CONTACT MADE, HANDSET OFF, 3 CONTACTS ARE MADE. W/MTG. BRACKET. #805-2029 NEW$8.95

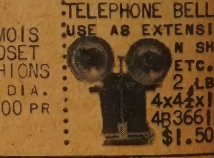


H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF U$5.95

M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD W/UG-77 PLUG, U $3.95

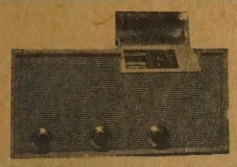
M-52 SAME AS M-29 W/PL-68 U $3.95

CHAMOIS HEADSET CUSHIONS 4" DIA. $2.00 PR



TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4½x1 4B3661A $1.50

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 $1.50



TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATLY.) SIZE:15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 $9.95

HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 $3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SELENOIDS 300 AND 1200 OHMS. CRAMER 115v60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE:7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE $5

TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DISCRIBED ABOVE. (NOT MOTORIZED) SIZE:4x6½x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE $3.00

TELEMETER CHASSIS; WITH 4" APEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CY POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3v@3A. 8135 CRYST. W/TUBES 3/6U8, 6BE6, 6BA8 & 12BH7 1EA. SIZE:10½x6x6: 10LB TELE-CHASSIS#1002 RE-MOVE$7

BRUSH SETS

BD-77
PE-73
DY-17
$3.00
PER SET

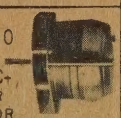
DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83		BD-93	BD-69
	PE-86		
DA-1A	DA-12	DA-14	DA-1F
DY-21	DY-22		SP-125

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES $1.00

TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE:2x4½x6; 3 LB. $2.95

TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REAPEATS AGAIN. SIZE:3x5½x6; 3½LBS. $4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2½x4½: 4C5100.60A $2.95

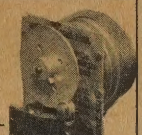


SYNCHRON CLOCK MECHANISM, No.610 110 v. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2½; 4oz. $1.35

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE ONE R.P.M MODEL 600 $1.50

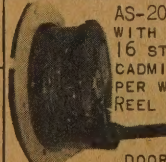
HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 $1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 v 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR.$1.95



TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE:3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED $2.95

TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UNWOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE:2½x1½: WT. 4 OZ. $1.00

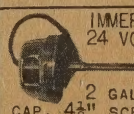


AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE:4½x2; 2 LBS. $5.95

ME-57 AIRCRAFT TRAILING ANTENNA WIRE WITH WEIGHT & CANVAS BAG W-106A COPPERWELD WIRE #18 250 FT. ON M--235 BOBBIN USED WITH RL-42 REEL $4.95 WT-7A WEIGHT (4½x2½) ON 12' LEADER, 3 LBS. WT. $3.95 BOTH ITEMS IN CANVAS BAG, USED W/RL-42 REEL $8.50

ALPHA-NUMERIC NIXIE TUBE 16 SEGMENT NIXIE CREATES ALPHABET AND NUMBERS 0-9 IN A SINGLE TUBE CHARACTERS ARE 2½" TALL AND MAKE UNUSUAL DISPLAY EFFECTS, 170 VOL REQUIRED. W/INSTRUCTION CHART. TUBE SIZE 2x4½; $ 7971 PRICE: $2.95 EA. 2/$5.00 SOCKETS 75¢ EA. 2/$1.25 SOCKETS NOT SOLD SEPARATELY CHARTS ONLY 50¢ EA.

VERNIER SET ATC TIMER WITH 15 MIN. TIMING PEROID. SYNCHRONOUS MOTOR OPERATES FROM 230v 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6¾x5½x3½ WT. 5 LBS. PRICE $9.95 NEW



IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4½" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 $2.95

TIMER RELAYS

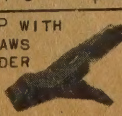
ONE FIFTH RPM TIMER RELAY, 6 VOLT 70 MA WITH HAYDON TIMER AND THREE SPDT MICROSWITCHES ROTATING CONTACT DISCS ARE VARIABLE FROM 0 TO 2½ MINUTES IN CONTACT TIME. 4¼x3x2¼ WT: 1 LB. #5945-255-7144 PRICE: NEW $5.95

ONE RPM TIMER RELAY, 24 VOLT OPERATION WITH CLUTCH-TYPE DRIVE. INCLUDES 6v. 70 MA HAYDON TIMER AND THREE SPST MICROSWITCHES, TWO FOR CIRCUIT CONTACT, THE THIRD FOR RESET. 5x2¾x3 WT: 1 LB. #5635 NEW $5.95

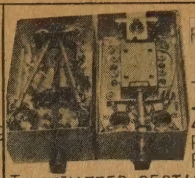
BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 oz. #4Z416 59¢ 2/$1

LARGE BELL

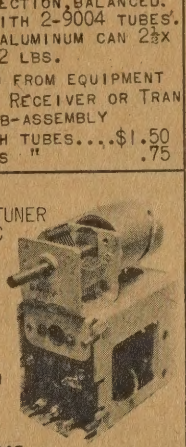
BELL SYSTEM BELL 6 VOLTS D.C. 3 INCH GONG, 2½ x 5½" OVERALL BELL#7-C $2.95



ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR $1.00



RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2½x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2¾x3½x6; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES....$1.50 LESS " .75



BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3½x2x3; WT: 1LB. RT-45 TUNER ONLY $1.95

VARIGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF, CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE:2½x1; 1 LB. $2.95

CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESITORS 2/S0-239 1/2C26 TUBE. 7½x5½x5 7 LBS. WITH TUBE $2.95

RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4½x6x3½; 5 LB. #596C-1 $2.95

BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MTG. SIZE:3x2x1½; WT: 1 LB. #MH-12079 $.75

RATE-GYRO No.8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE:2½x2½x4; WT:3LB. $4.95

AUTOMOTIVE

THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNA-VISION AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTEE.

COIL & CONDENSER TESTER W/OHMMETER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ET ASIDE FROM THESE METER ALSO HAS A #332 100,000 OHMMETER SCALE. METER IS 4½" SATIN/CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC#332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE:14x5x6; 10LBS $14.95 U

MODEL #337 TACH & VOLTMETER: FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM, VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGING IN TIMING LITE. W/TUBES 1/0A2, 1/2D21. METER 4½" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE:13x5x5; 8 LBS. $14.95U

DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA. 2D21 6AL5, 6AU6, 5696 AND No.336 2/0A2. TWO 4½" METER 500 MUA CHROME. COND. USED SIZE:13x5x5; WT: 13 LBS. LESS TUBES $9.95 W/TUBES$15

IGNITION TESTER MODEL NO. 327 0-30 SCALE FOR CHECKING VOLTS & AMPS. ALSO SCALEMARKED LOW, AVERAGE FOR IGNITION SYSTEM. METER 4½" 500 MUA CHROME FINISH. SIZE:11x6x4; 8LBS. U $14.95

BATTERY TESTER AMCO 304B FOR 6/12 VDC METER 4½" SHOWS IF BATT. NEEDS RE-CHARGING, RE-PLACEMENT ALSO CHARGING RATE, LOW, NORMAL HIGH ETC. 3 FT. CABLE WITH TEST PROBE. RUGGEDIZED PLASTIC CASE AND METER FACE. SIZE:4½x4x3; 3LBS. NEW$3.95

TACH. RPM. 100's METER 0-70 SCALE, 1 MA. MOVEMENT SIZE 4½x4 (NO CASES OR GLASS) #6412705 $2.50

FAN SHAPED METER 0-70 SCALE 1 MA. MOVEMENT 3½". (NO GLASS OR CASE) #186 $1.50

MODULAR POWER SUPPLIES

LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 Hz VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT		PRICE
LMB-5	105-132	5V	3.7A	$70.00
LMB-20	105-132	20V	2.7A	60.00
LMCC-5	105-132	5V	10.5A	100.00
LMCC-5V	205-250	5V	10.5A	100.00
LMCC-20	105-132	20V	5.0A	100.00
LMCC-20V	205-265	20V	5.0A	90.00
LMD-20	105-132	20V	7.4A	115.00
LMD-20V	205-265	20V	7.4A	115.00
LME-5	105-132	5V	20A	140.00

PACKAGE SIZE: (B) TYPE; 3½x5x6½; (CC): 5x5x9½; (D): 5x7½x9½; (E): 5x7½x11¾.

LRA-3 MOUNTING RACKS FOR THE ABOVE WILL HOLD THE FOLLOWING COMBINATIONS: 4 EA (A,B,OR C) 2 EA (D OR E); 2 EA (A,B,OR C) PLUS 1 EA (D OR E); 3 EA (CC). SIZE: 5¼x19x2¾
PRICE: UNUSED, $17.95

LRA-6 RACK, HOLDS SAME COMBINATIONS AS LRA-3 BUT OFFERS BETTER SUPPORT. SIZE: 5¼x19x14
PRICE: UNUSED, $29.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-1	3-8 VDC	UNUSED-BOXED	$15.00
LM-OV-2	6-20 VDC	UNUSED-BOXED	$15.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	$15.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY

LMF-5	3½x19x16½	105-132v.	5V 48A	$300.
LMF-A-5	"	105-132v.	5V 31.5A	$275.
LMF-5-OV-V	"	205-265v.	5V 48A	$300.
LMF-20	"	105-132v.	20V 23A	$250.
LMF-A-20	"	105-132v.	20V 16A	$250.
LMF-20-V	"	205-265v.	20V 23A	$250.

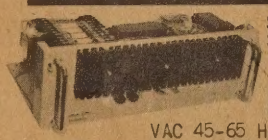
OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 Hz INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	$50.
HT-20-5.6A-515	115v.	20V 5.6A	$75.
HS-20-15.5-896	220v.	20V 15.5A	$100.
NJE-HS-20-15.5-515	216-264v.	"	$100.

DRESSER-BARNES WITH REMOTE SENSING,
26859 210-250v. 20V 3A NEW $60.
26858 210-250v. 20V 9A NEW $100.
27091 208, 220, 240v. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A NEW $50.

ELECTROSTATICS MODEL 50; INPUT: 103-127 v. 50-400 Hz. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6½x5x4 WT: 10 LBS. NEW $35.

SOLID-STATE POWER



SOLID-STATE POWER SUPPLY; REGULATED OUTPUT: 22 v. 8 AMPS. AND AN UNREGULATED 24 v. 2 AMP OUTPUT. POWER INPUT: 115/230 VAC 45-65 Hz. SIZE: 17x5¾x9½ WT: 40 LBS. MILEX #321-1007G, UNUSED $75.00

WANLESS 1-OEM IC POWER SUPPLY; OUTPUT: 24 v. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5½x5x6; WT: 10 LBS. NEW, $45.00

VOLTAGE REGULATED POWER SUPPLIES

LAMBDA

MODEL #28 200-325 VDC @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. $20

MODEL # 28M WITH METERS $30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG $35

MODEL #33M W/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3@5A. R.M. $45

MODEL #50M W/METERS 0-500 VDC @ 500 MA. W/VAR. TRANS. 2/6.3VAC5A. F/BENCH USE $100

MODEL C-280 0-200 VDC @ 200 MA. 1/6.3 VAC 10 A. $55.00

MODEL C-280M W/METERS $65.00

MODEL C-281M W/METERS 125-325 VDC @ 200 MA. 6.3VAC@10A. RACK M. $40.

MODEL C-480 0-200 VDC @ 0-400 MA. 6.3 VAC@15A. W/VAR. TRANS RM $65

MODEL C-480M W/METERS $75

MODEL C-481M W/METERS 125-325 VDC @400 MA. 6.3VAC@10 RACK MTG $50

MODEL 158IM W/METERS 125-325 VDC @ 0-1500 MA. W/VAR. TRANS. 6.3VAC @ 30 A. RACK MTG. $125

OREGON ELECTRONICS VARIABLE VOLTAGE REGULATED POWER SUPPLY. 0-150 & 0-600 VDC @ 500 MADC AND 6.3 VAC 10 A. MODEL D-6 RACK M $50

SOLA D.C. POWER SUPPLY 281024-1 28 VDC @ 6 A. RACK MTG. $40

MANY OTHER POWER SUPPLIES IN STOCK WRITE AND TELL US WHAT YOU REQUIRE

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401		6.95
DM-28	6.95		D-402		6.95
DM-32	2.95	4.95	D-401(SPEC)		8.95
DM-32(12 V)		4.95	DY-9	9.95	
DM-33 (WRITE AV)			DY-10	12.95	
DM-34	2.95	4.95	DY-17	18.95	
DM-35		20.00	DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37		13.00			
DM-40	5.95		DA-6A		8.95
DM-41	5.95		DA-1F	11.00	
DM-42		15.00	DA-14		8.95
DM-43		15.00			
DM-53	4.95		BD-77		19.95
DM-53	5.95	(12V)	BD-83		8.95
DM-64	7.95				
			PE-86		5.95
			PE-98	8.95(COMP)	
			PE-98	4.95(DYN)	
			PE-94	9.95	

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3½x5x3; WT. 6 LBS. USED $4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N $15

CARTER 633BS2B; INPUT 12 VDC 25 A. OUTPUT; 600-650 VDC @ 300 MA. SIZE: 6x4x3½; 12 LBS. NEW $20.00

GENERATOR

GENERATOR G - 24 AC - DC
115 V. 800 CYC 10.5 AMPS.
24 V. D.C. 60 "
SPLINE SHAFT SIZE 7/8x1¾
SIZE: 6½x7½x13; WT: 45 LBS.
RE-COND. $24.95

D.C. GENERATOR 30 V. 200 A. 4400 TO 8000 R.P.M. ¾x1½ IN SPLINED SHAFT, FLANGE MTG. SIZE: 10½x6x8; WT: 36 LBS. GE#2CM637B RE-COND. $24.95

EICOR INVERTER INPUT: 27.5 VDC 9.2 AMPS OUTPUT: 115 V. 400 CYCLE 1 PHASE 100 VOLT-AMPERES SIZE: 7½x4½x5; WT: 7 LBS. EICOR#1-101A|15S-7 PRICE: USED $12.95 CONNECTOR PLUG $2

INVERTERS

EICOR INVERTER X3516-1
INPUT: 27.5 VDC 165 AMPS.
OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE
SIZE: 16x11½x8; WT: 75 LBS.
EXCELLENT COND. $49.50

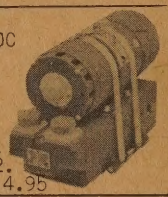
PE-218D INVERTER
INPUT: 25/28 VDC 80-90 AMP
OUTPUT: 115 V 400 CYCEE 13 AMP; 1 PHASE
SIZE: 17x10x9; WT: 75 LBS.
PRICE: UNUSED $50.00

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 400 CYCLE 1 PHASE 2.17 AMPS.
SIZE: 9x6½x5½; WT: 25 LBS.
USED $16.95 UNUSED $24.95

MG-149F INVERTER
INPUT: 24 VDC 36 A. 750 VA.
OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA.
SIZE: 12x8½x8; WT: 25 LBS.
PRICE: GOV. RECOND. $39.50

INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED $34.95

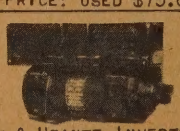
JACK & HEINTZ INVERTER
INPUT: 27.5 VDC 150 AMPS.
OUTPUT: 115/200 VAC 1/3 PHASE, 2250/2500 VA 400 CYC
SIZE: 20x12x8; WT: 75 LBS.
J&H F-45-3 OR EQUAL USED
PRICE: USED, REPARABLE $75



INPUT: 24 VDC @ 75 AMPS.
OUTPUT: 115 V.800 CYC. 1 PHASE 10.5 AMPS.
WT: 35 LB.
SIZE: 4½x8x12.
UNUSED $14.95

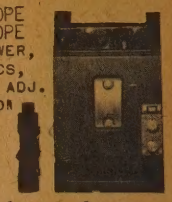
JACK & HEINTZ
F-132 INVERTER
INPUT 27.5 VDC @ 100 AMPS.
OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE
SIZE: 16 x 11 x 7; WT: 55 LBS
PRICE: USED $75.00

F-147 INVERTER
INPUT 27.5 VDC @ 180 AMPS.
OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE
SIZE 18x11x7; WT: 75 LBS.
PRICE: USED $75.00



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED.
SIZE: 12x7½x4½; WT: 20 LBS.
FED#6125-617-0967
USED $14.95 RE-COND. $22.95

M4A1 PERISCOPE WITH TELESCOPE M77C, 1.5 POWER, COATED OPTICS, ERECT IMAGE ADJ. FOR ELEVATION AND DEPTH. ALSO MIRROR TYPE PRISMS EACH END OF PERISCOPE.

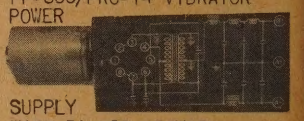


SIZE: 6½x11x1½; WT: 9 LBS.
PRICES: COMPLETE UNIT $12.
PERISCOPE LESS TELESCOPE $7.
TELESCOPE ONLY M77C $8.
PRISMS ONLY $1.50

VIBRATOR POWER SUPPLY, USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4½x3¼x2½ 3 LBS #H17VD-11077 NEW $9.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPU 90 VDC, 1½ VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW $3.95 W/EXTRA VIB. $4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY



WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7¾x2¾x2¾; WT: 3 LBS. NEW $4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/0Z4 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW $7.95

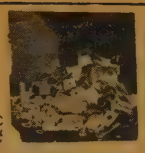
PE-237 POWER SUPPLY FOR BC-1306 GRC-9

VIBRATOR TYPE WITH 1005 & 1006 TUBES ALSO VB-16 VIB. VOLATGE REQ. 6 OR 12 OR 24 VDC, OUTPUT 525 VDC @ 90MA 105 VDC @ 42 MA. 6.5 VDC @ 2 AMP, 6 VDC @ 500 MA. 1.3 VDC @ 450 MA. & 130 VD @ 17 MA. SIZE: 10x10x17; WT: 85 LBS. RE-COND. $19.95

PE-120 POWER SUPPLY FOR BC-659 BC-620 TRANS. RECEIVER. VIBRATOR TYPE VOLTAGE REGULATED. WITH TUBES VR-105/OB-3, 1005 & BALLAS VOLTAGE INPUT 6 OR 12 OR 24 DC OUTPUT 145 @ 175 MA, 90 @ 40 MA & 1.5 @ .75 AMP. SIZE: 4½x13½x15½; WT: 30 LBS RE-COND. $7.95

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH SPARE VIBRATOR & 3500 MFD. 25 VOLT CAP. ALSO PLUG SIZE: 6½x5½x8½; WT: 10 LBS. NEW $4.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPACERS. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS

4 LB.	#4	$.30
6 "	#6	.35
10 "	#10	.40
12 "	#12	.50
16 "	#16	.60
24 "	#24	.75
35 "	#5215	.75

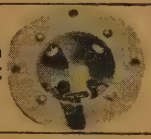
OTHER TYPE MOUNTS AVAILABLE IN LIGHTIER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG.	$.25
" " RING "	.15
" BLACK " "	.15
LOCTAL MICA 2 HOLE MTG	.25
4 PIN CERAMIC 2 " "	.35
813 CERAMIC SOCKET	$1.50
6 " " 2 HOLE "	.29
7 " " " " "	.29
4/5/7/9 PIN WAFER " " EA.	.10
7/9 PIN MICA SMALL " " "	.20
9 PIN CERAMIC " " " "	.35
METAL SHIELDS SMALL 7-9 "	.10
1625 AND 837 7 PIN LARGE	.59
829 CERAMIC SOCKET	.75
872 " " W/SHOULDER	.75
811/866 " " W/ "	.75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3½" RD. GE#ML7461594-G1 PRICE: USED $.39

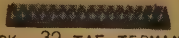
GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3½" RD STK#2Z7684.98 PRICE: NEW $1.00



TERMINAL STRIPS WITH CLIPPED WIRES

PRICES:	.15	.20	.25	.35
3/4" WIDTH		5 OR 6	7 OR 9	ASST.
1" "	2	6	7	14
1¼" "	2 OR 3	5 OR 6	9	16
	AMT. OF TERMINAL ABOVE			

TELEPHONE TYPE TERMINAL STRIP



1½" WIDE ½" THICK, 32 TIE TERMINALS FOR WIRE SOLDERING AND NUTS FOR LUGS. WT: 1 LB #31-C $1.50 NO WIRE SOLDERING 52 TERM $3.

BINDING POSTS, 5/8" DIA. HEAD; ⅝" LONG #8 THREAD. OVERALL: 1⅝". USED, $1/DOZEN

OCTAL SOCKET EXTENDER, VECTOR No 1262. PLUGS INTO ORIGINAL AND HAS BOLT THRU CENTER SO THE TWO CAN BE FASTENED TOGETHER #6625-684-1189 NEW 59¢ 2 FOR $1

SOCKET TURRET, OCTAL, VECTOR MODEL 8-0-9T. 2" TURRET, 9 TERMINALS IN TWO RINGS 1" APART. FITS 1" HOLE. ½" DIA. #5935-829-5819 $.59 EA. 2/$1.

SOCKET TURRET, 7 PIN MINATURE; 1½" TURRET, 3/16" DIA.; 7 TERMINALS ON ONE RING. FITS ⅜" HOLE. #5935-578-9139 $.59 EA. 2/$1.

U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASHOVER VOLTAGE 1500+ VDC. 1½x1¼" #U-102/U $.59 EA. 2/$1.

Capacitors

MFD	VDC	SIZE	PRICE
24000	3	4x3	$1.00
2000	15	1⅝x4⅛	.59
1000	50	1⅝x4⅛	.59
50	150	2⅛x4x1¼	1.50
500	200	2x4 U	1.00
8	300	2⅛x4x1¼	.50
4	400	2⅛x4x1	.50
10	400	2⅛x4¾x1½	.75
2	600	2⅛x2⅛x1	.50
3	600	1¾x3¾x1	.50
4	600	3⅛x2⅛x1¼	.65
6	600	4⅛x2⅛x1¼	.75
7	600	4x4x2	.85
8	600	3⅝x5x1¼	1.00
10	600	3¾x4⅝x1¼	1.25
25	1300	5x7⅝x4	5.25
1	1000	1¾x2⅛x1	.50
2	1000	1¾x4x1	.75
4	1000	2⅛x4¾x1¼	1.00
8	1000	3⅛x4⅛x1½	1.50
10	1000	3⅜x4⅛x1½	1.75
15	1000	3¾x5¾x2⅛	1.25
24	1000	3¾x6x2⅛	3.75
2	1500	2⅛x4x1¼	1.00
1	2500	3⅜x4⅛x1¼	1.00
3x1	1200	3¼x3¾x2⅛	.75
1	1200	2 x3 x1	.50
1	2000	2x3x1	1.00
4	2000	3⅝x4x2¼	2.50
8	2000	4⅛x5¼x3⅜	4.00
2	2500	2⅝x4⅝x1¼	1.75
4	2500	4⅛x4¼x3⅜	3.25
2x.1	4500	3⅝x3¼x1⅝	1.00
1	3000	3¾x4⅛x2¼	1.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
20000	25	3x4⅛	$1.50
20000	30	3x4⅛	1.95
25000	30	3x4⅛	2.25
20000	62.5	3x6 R/M	2.00
7500	35	2⅛x4¾	1.95
16500	30	3x4¼ R/M	1.50
30000	50	3x5¾	2.50
60000	50	3x5¾	3.00
8000	25	2x4¾	1.50
4000	40	2x4⅛	1.95
3000	35	1¾x3¼	1.25
1700	200	3⅛x5¾	3.00
1000	250	2⅛x4	2.00

HIGH VOLTAGE

14F496 1 MFD. 18,700 VDC 15x13⅞x5, 75 LBS. $25.00
D165618 .00025 MFD. 25 KVDC 4x11¾x3⅜; 13 LBS. $10.00
C220150 1 MFD 20,000 VDC 11x13⅞x4¼, 40 LBS. $30.00
120065-1 .65 MFD 12,500 VDC 11x8¼x4, 40 LBS. $12.00

OTHER HIGH VOLTAGE CAPACITORS IN STOCK WRITE.

AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3⅛x1x4	1.50
4	330	2⅛x6	.75
12	330	2 x2¼	1.50
15	440	4x4⅝x2⅞	2.00
3	330	1¾x3¾x1	.50
7	330	3⅝x3x1¼	.75
6	660	3⅝x3⅜x2¼	1.00
10	440	4⅛x7⅛x4	2.00
3	660	3⅝x3⅝x1¼	1.00
4	660	3⅝x4¼x1¼	1.25

MFD	V.A.C	SIZE	PRICE
10	370	1⅝x6RD	1.00
15	236	2x5	1.25
4	407	2⅛x2x1¼	.35
ABOVE MILK FREE			
25	330	3⅛x4¼x3	2.95
15	440	3⅝x4⅝x2⅛	2.95

PHOTO-FLASH CAPACITOR 25.6 MFD 1000/2000 VDC INTERMITT 3¼x6⅛x3¼ IN. REMOVED F/EQ. GE-25F454 3 LBS. $7.50

ROTARY SWITCH, FOUR DECK, THREE POLE-THREE POSITION EACH DECK. CERAMIC WITH SILVER CONTACTS. SIZE: 2x6 #5930-407-2704 NEW $4.95

ROTARY SWITCH, CERAMIC, 2"D 3 POLE, 3 POSITION, 1 DECK 3Z9825-34.1 NEW $1.00

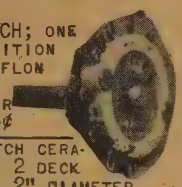
HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2x1⅝ DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3¼x1⅝. RM-39/31.9 RE-MOVEED $1.00

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x5 IN. GE#P42J198-1 G1/394 $1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 $1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4½" #ML7762999-G1/397 $1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, TEFLON TYPE WAFER 1½" DIAMETER #AB-6422 75¢



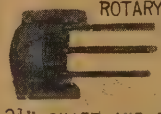
ROTARY SWITCH CERAMIC WAFERS, 2 DECK 4 POSITION, 2" DIAMETER. #C-87/S-602 75¢ EACH.

SWITCH ROTARY, 2 DECK, 22 POS 4 CIRCUIT EA. DECK. 1½x1" 3Z9825-66.13 $.50

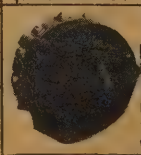
ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1½x1½ 3Z9825-92.3 50¢

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1¼".x 1". 3Z9827.34 59¢ 2 FOR $1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2½x1 LANS. SW-942-249 75¢ EACH 2 FOR $1.25



ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POSITION, 30 DEGREES EA. 2½" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2⅛x3, 1¾" H. WT: 1 LB. #MX167869G1 $1.50



BENDIX HEAVY DUTY TAP SWITC
BENDIX HEAVY DUTY TAP SWITCH 12 POSITION, W/ KNOB. AIRCRAFT TYPE. SIZE: 3x1¼ WT: 4oz. $2.95

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/$1.00

ROTARY SWITCH BAKELITE WAFER, 8 POS., 3 DECK; ONE DECK NON-SHORTING. 3x2x2. #3Z9825-75.4 NEW $1.00

Kits $1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value $1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V $1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. $1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE $1.00 KIT.

RESISTORS INSULATED ON BOARDS 50 ASST. ½,¼,1 & 2 Watt wide range of good values 50 ASST. $1.50

RESISTORS WIREWOUND 25 ASST.

5 to 20 Watt. Wide range of values some tapped. 25 ASST $1.00

VOLUME CONTROLS 10 ASST. Popular Values $1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc $1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. $1.00

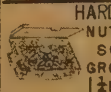
TERMINAL STRIPS, Tie lug strips, ASST types. 25 for $1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, APPROX. 200 PCS. $1.50

ROTARY SWITCHES BRAND NEW

ORDER NOW 6 for $1.00

BATHTUB CONDENSER KIT .1 MFD. to 1. MFD. up to 600 Volt. 10 FOR $1.00



HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1¼ LBS. $1.00

COMPUTER GRADE

COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD	$1.25
500	275	2x4 RD	1.25
350	330	2x4 RD	1.25
1400	99	2x4 RD	1.25
LOTS OF 6 $1.00 EACH.			
12000	11	2x4 RD	.75
4000	33	2x4 RD	.75
3500	52.8	2x4 RD	.75
LOTS OF SIX 60¢ EACH.			

HIGH CAPACITY

60000 MFD 50 VDC

3042182, SIZE 3x5, 2 LBS. PRICE: $3.00 EA. 2 FOR $5.

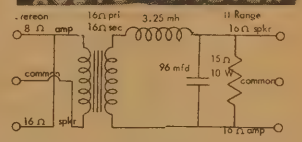
30000 MFD 50 VDC

11418-03, SIZE: 3x5⅝, 2 LBS PRICE: $2.50 EACH

1000 MFD 250 VDC

SIZE: 2½x4; 1½ LBS. #5910-778-8818 $2.25

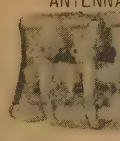
AUDIO FILTER



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIO AMPLIFIERS CAN BE CONNECTED TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5½x4⅝x5¼; 8 LBS. NEW $2.95

HEAVY DUTY TAP SWITCH 6 POSITION 4 HOLE MOUNTING SIZE: 2½x2½x1¼ STK#3Z9694-2 $2.50

ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BREAK SIZE: 4⅜x2⅝ IN. #3Z9626 $2.50



RESISTORS, PRECISION 25 ASST. ON BOARDS. WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. $1.00

50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. $1.50

WIRE ASSORTMENT

SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS $1.00

MINIMUM ORDER $5.00

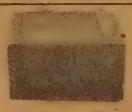
Power Transformer Filament Modulation Microphone Chokes

HIGH VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115	60	160/4.12 A	5⅛x7⅜x5¼	33	820-6475	$8.95
115/230	60	175/85 MA	2⅜x3¾x2⅜	5	295-2561	3.95
115	60	350 CT/26 MA 5/3.0 A	2⅜x3¾x3	4	647-6762	3.95
115	60	425 CT/1.0 A	6⅜x7⅛x5	32	538-0051	4.95
115	60	612 CT/100 MA 6.3/4.0 A 6.3/300 MA 5.0/2.0 A	4x4½x3⅛	10	646-1954	4.95
115	60	660 CT/85 MA 6.3/3.0 A 5.0/2.0 A	3¼x4x3⅛	6	949-2281	4.95
115	60	750 CT/125 MA 6.3/2.5 A 350 CT/50 MA	4x5x3⅛	10	646-3554	5.95
115	60	760 CT/150 MA 5.0/2.0 A 6.3/6.5 A	4x5¼x4½	12	973-6285	7.95
115-132	60	325 TAPPED 300 275,250 @ 70 MA	2⅜x3¾x2¼	3	821-4954	3.95
120	60	6.4/1A 3/6.4-.3A	2¼x3x2	1	645-0612	2.25
115	60	27v4.3A/2.6v3A. 4.1v5.1v6.4v3A.	5x5x5	15	D161915	9.95
120	60	850CT@.148A 5/3A 6.3/3A 6.3/5A.	5x5¼x5	15	GE7466324	6.95
105-125	60	6.3/8A/3A/15A 400CT@100MA 360CT@10MA	4⅛x6x4	15	827-2133	9.95
115/ (TAPPED 26)	60	2230/270 MA	5¼x8x8	45	081-4325	14.95
115	60	3000/3 MA 4000 WV.	4x4¼x3⅛	10	615-9949	6.95
115	60	6336 CT/500 MA PK WV. 10KV.	8¼x9x11	150	564-7403	75.00
115	60	1080/100 MA 6.3/3.0 A	3¾x5¼x3¼	12	827-6251	6.95
115	60	302 @ 100MA 287 @ 50MA	3¼x3x2¼	5	899-4680	$3.95
115/230 50/60 CY		660CT@60MA 6.3 @ 5 A 5.0 @ 2 A	RD3⅜x4¼ (FOR TG-34 KEYER)	8	2Z9608-110	5.95
115	60	565VCT-@300MA	4x5½x3⅛	10	552-0074	$5.95
115	60	775VCT@1.21A.	6¾x7x6⅛	50	KS-8661	14.95
115	60	510VCT@100MA	3x4¼x3½	7	2Z9612.21	$3.95
115	60	300VCT@1AMP	3½x4½x3½	12	982-7915	$6.95

LOW VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115	60	2.5 CT/10A.	4¼x5x3⅛	10	190-2320	$3.95
115/230 V	60	5/15 A.	5¾x3¼x4	10	578-1243	7.95
115	60	5/22 A 8500WV	5¼x9½x4⅛	4	645-6946	12.95
115	60	TWO 6.3/1.2 A	2¾x3⅜x2¼	2	646-1728	2.95
115	60	6.3 CT/4.5 A 6.3/0.3 A	3⅜x5x3	8	682-3798	2.95
115	60	6.6/5.8 A	3¼x3⅜x3¼	6	648-4013	2.95
115	60	6.5 CT/24 A TWO 6.5 CT/6 A 6.5 CT/1.0 A	5x6x4⅜	20	647-6219	8.95
115	60	THREE 5/7.0 A 17.5 KWV	5x7x4	13	809-6459	9.95
115	60	TWO 30 CT/15MA 6.3/4.0 A	2⅜x2½x3	5	648-4774	4.95
115	60	2/WINDINGS 6.3/4A	2⅜x3x2⅛	2	LEE-P6460	4.95
115	50-400	34/2.7 A 3.0/250 MA	4⅝x4⅝x4	14	853-6026	9.95
115	50/60	5 @ 1.5 A 5 @ 1.0 A	RD.4x2⅛	6	869-2849	$4.95
115	60	6.3 CT@8 A 6.3CT @3 A	5x5x3⅛	12	239-9433	$4.95
120	60	67 CT @7.7A 55 CT @0.7A	5¼x4½x5	15	583-7260	$5.95
115	60	50 CT @2.5A	3½x4½x3	10	784-1675	$5.95

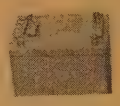


PRI: 115v 60 CYC.
SEC: 6200 v. 81 MA.
TAPPED 5800v 76 MA.
AND 5400v 71 MA.
5⅜x8x7; WT: 22 LBS.
#5950-645-6792
PRICE: $8.95

PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 V 5 A.
6.3 V 600MA
36 V 5 A.
5⅛x5⅛x7½; 28 LBS.
#5950-646-3943
$6.95

PRI:105/115/130/145/160/180/200/225/250/V 25-60CYC
SEC: 780VCT@65MA.
2.5 V @ 2 AMP
6.3 V @ 4 "
5½x5½x4½; 13 LBS.
2Z9619-4 $2.95

PRI: 115v. 50-60c
SEC: 580VCT 70 MA
6.3 " 1.5 A.
5.0 V 2.0 "
TEST VOLTS 1750
3x3⅜x3½; 6 LBS.
#5950-648-6862
$3.95



PRI:115v 50-1000CY
SEC:950VCT 200 MA
6.3 V. 10 A.
6.3v 1.5 A.
6.3v 0.5 A.
5¼x5x4; 18 LBS
#5950-581-9421
$8.95

PRI:115v 60 CYC
SEC:1080VCT 226MA
6x5⅜x4⅜; 15 LBS.
#5950-762-9822
$6.95

PRI: 110/115/120v. 50-60 CYCLES
SEC: 3500VCT. .230 A.
8¾x7⅛x8 WT: 65LBS
#5950-715-9350
PRICE: $19.95

COLLINS TRANSFORMER
SAME TYPE AS ABOVE
PRI:220/230/240/315 v 50/60CYC
SEC: 4600VCT325MA. 3500 " 425 "
11⅜x11½x10½; 116LB
648-026 $49.50

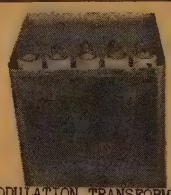
PRI: 115v 60 CYC
SEC: 2 v. 30 AMP
3x3x4; 4LB
5950-829-8618$2.95

FOR RA-62 RECTIF. USED TO POWER SCR-522 REC-TRANS
PRI:110/220 VOLT 40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
5x5½x8; 30 LBS.
#3340-296-862-192
PRICE: $7.95

MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri.Z 6000 SEC.Z 6000
Collins #677-2010-00
Size 2⅜x2⅜x3½ WT.3¼lbs
Stock# 2Z9634.53
Price $2.95

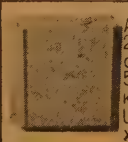
TEKTRONIX # 310 OSCILLOSCOPES
P/N120-0058-00
PRI: 117 v. 50 TO 800CYC
SEC: 205v 120 MA.
135v 150 "
205v 75 "
6.3v 3 AMP
6.3v 4 "
6.3v 6.2 "
6.3v 0.6 "
6.3v 0.6 "
4⅛x3⅜x3⅜; 8 LBS.
5950-688-6598
$9.95

MODULATION TRANSFORMER
WATTS: 40
RES. IMPED.
PRI: 113 OHM 5700
SEC: 72 " 2280
FOR 2/807 TUBES
3⅜x2⅜x3 WT: 3LBS
#2ZK9634.21
PRICE: $3.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5½ lbs.
Stock # 2c6191/T1
Price $3.95

100 WATT MODULATION TRANSFORMER
PRI: 7500 OHM CT 30,000 "
SEC:3000 OHM 35W 200 MADC 600 CT. 1 W RMS TEST
1,2,3 500 v.
OTHERS 2500 v.
200-3500 CPS.
4⅜x4½x4⅛; 11LBS
#5950-646-3092
PRICE: $4.95



AUDIO TRANSFORMER 50,000HZ 20 WATTS, PRI. 3000/5000 OHM, SEC. 30,20,15,10,7.5,5,2.5,1.2 OHMS. 7HZ TO 50 KHZ- 0.2 DB, HIPOT 1500 v. UTC TYPE LS-57. SIZE 4¼x4½x3½; 12 LB#645-7799 $14.95

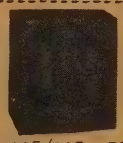
PRI: 120v. 60 CYC.
SEC: 550-0-550v. 0.18 A. 2000WV.
4x7x5¼ WT: 18LBS
#5950-518-2621
PRICE: $7.95

PRI:115v 60 CYC.
SEC:500VCT 80 MA.
24v 2 A.
5v 3 A.
2½x2½x3½; WT: 3½LB
FAIR-818 $8.75
UPRIGHT CASED
BUILT FOR COMMAND REC, BC-603,683ETC

PRI:115v 60 CYC
SEC:440VCT 138 MA.
24v 2 A.
5v 3 A.
4x4¾x4; 8 LBS.
FAIR-1609 $7.50
BUILT FOR BC-652

PRI:115v 45-65 CY
SEC: 40VCT.2A 40v2.15A 24.5v @ 1.64A. 14.2v.4A/117v.05A
3½x4⅝x3; 10 LB.
#9807 $6.95

PRI:105/110/120/130,60CY
SEC: 40v 2.5A 6.3v1.5A 3¾x3½x5½ 10 LBS.
#43278 $4.95



PRI:115/115v 50/60
SEC:26.4 v 1.70 A. 26.4 v 1.35 A.
3½x3⅜x3; 4 LBS.
5950-645-3854
$3.95

PRI:115v.60CYC
SEC. 24v 3 AMP 5v 3 "
3x2½x3; 2 LBS
FA-6705 $2.95

SILICON RECTIFIERS MOUNTED ON ALUMINUM PLATE 6 x 6 INCHES
W/2 EA. IN1200A
3 EA. IN1200AR
100 PRV 12 AMP.
ALL FOR $2.00
#LEE -CR012345

ZENER DIODES
IN1595A 15V 3.5 W
IN1357RA 18V 10 W
UNUSED 65¢ 2/$1.00

PRI: 117v. 60 CYCLE
SEC: 31v 3.27A/15.5v .51A 23VCT .21A/24v .85A
3½x4¼x4½; 10 LBS.
5950-784-9195 $3.95

PRI: 115/230v. 50/60 CYCLE
SEC: 600VCT 190 MA. 5.1v 2A/6.4v 1.85
4½x5¼x3⅜; 10 LBS.
2Z9613.522/TRA-7 $4.95

PRI: 115/230v. 50/60 CYCLE
SEC: 720VCT 90 MA. 6.4v4A/6.4v 2.6A/6.4v .6A
4½x5¼x3⅜; 10 LBS.
2Z9613.521/TRA-7 $4.95

PRI: 115 VOLT 60 CYCLE
SEC: 110VAC/100MA;50VCT/.5A 25VCT/.15A;14VCT/2.5A
SIZE:4½x3¾x3⅛; WT: 10 LBS.
KAL#2334 $6.95

PRI: 105/110/115/120/125 60 CYCLE
SEC: 1100 VCT 250 MA.
SIZE:6x5½x4½; WT: 15 LBS.
#BC-329/353 $8.95

PRI: 115v 60 CYCLE
SEC: 750VCT 113 MA. 5v 3A & 6.3VCT 5 A.
5¾x5¾x4½; 15 LBS.
RAY.#U-8379 $6.95

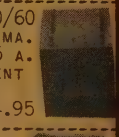
PRI: 115v 60 CYCLE
SEC: 820VCT 120 MA. 5 v. 2 A.
4½x4½x4; 10 LBS.
ORD#762983I $6.95

PRI: 120v 60 CYCLE
SEC: 750 VCT 12 MA. 5v 2A & 5v 2A. 2.5 2.1A & 6.3v 2 A.
3¼x4x3; 7 LBS.
2Z9613.28 $4.95

PRI: 115v 60 CYCLE
SEC: 550VCT 150 MA. 12v4A & 5v 3A.
3½x4¼x4½; 10 LBS.
T-1-1-208 $8.95

PRI: 115v 60CYC
SEC: 520VCT 30 MA. 6.3 v. 2 A.
3¾x2¾x2¼; 3 LBS
5950-646-5586
$2.95

PRI: 110/220v 60CY
SEC: 6.3 v. .9A. 6.3 v. .3A 24 v. .9A 500VCT 35MA
3x3x3⅜; 4 LBS.
#RM-13-317 $2.95



PRI: 115/230v 50/60
SEC: 342VCT 350 MA. 300VCT 1.15 A. 1.15A INTERMITTENT
4¾x4x3½; 10 LBS.
5950-557-6140 $4.95

PRI: 115v 60 CYC
SEC: 880VCT 130 MA 7.7v 1.64 A. 6.3v 2.8 A.
6.3v 3.44A/6.3v1.2A
5x4⅛x3½; 13 LBS.
5950-295-7190 $4.95

****
•LOW VOLTAGE TRANSFORMERS•
****
PRI: 90-130 VOLT 60 CYCLE
SEC: 30 VCT 8 AMP REGULATED
SIZE:5⅞x5½x4½; WT: 23 LBS.
#LEE-44469100 $9.95
W/20 MF 370 VAC 60 HZ CAP.

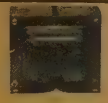
PRI: 115 VOLT 60 CYCLE
SEC: 10 " 10 AMP.
10 " 10 "
SIZE: 4½x4x3; WT: 6 LBS.
#LEE-P6579 $8.95

TRANSFORMERS

PRI: 115v. 60cy.
SEC: 50vct. 15A.
50vct. 1A.
5¼x4½x4 WT: 14LBS.
BURNS#43847
PRICE $9.95

PRI: 115 v 60 cyc
SEC: 200vct 2 AMPS
4x4x4
20 LBS
IFX46-16 $4.95

PRI: 115v47-420cyc
SEC: 3/120vct 120MA
115 50MA
16v @ 15 AMP.
4½x5½x3½; 10 LBS
#9525 $9.95



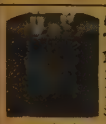
PRI: 115 v. 60 HZ.
SEC: 56 VAC CT &
10v TAP @ 6 AMPS.
3¾x3¼x3¼; 9 LBS.
ANKER#4601 $5.95

PRI: 115 v 60 CYC
SEC: 42 VCT 4 A.
2 VCT 12 A.
4½x5x8½; 17 LBS.
3H4674B.1/T6 $6.00
PRI: 115 v. 60 CYC
SEC: 63 v. TAPPED
35 v @ 7A/28v@25A.
8x8x5½; 40 LBS.
5950-845-2755 $22

TF45X02YY
THREE PHASE
PRI 171v 50-450cyc
SEC 28v @ 40A
6¾x7¾x9¾ WT.45LBS
PRICE: $14.95

MICROPHONE TRANS
PRI: 40 OHMS
SEC. 75000 "
SIZE: 1½x1½x2
WT: 2 OZ.
2Z9986-2/RM-12
PRICE: 75¢

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2½x3¼x2¾
#P7762352G1
$1.00



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1½x2x1½
STK#2Z9666A
Price $.59

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4½x4½x4, 5½LB
STK.# 2Z9613.667
PRICE: $4.95

ISOLATION AUTOFORMER
TWO 115 VOLT WINDINGS EA. SIDE, 50/60 CYC. 115/230
500 VA. ISOLATION
1000 VA. AUTOTRANS
4½x5x5; 20 LBS.
LEE/TE-11924 $9.95

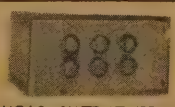
ISOLATION
PRI: 105/115/125
SEC: 115 VAC .9 A.
60 CYCLE.
4x5x3½; 10 LBS.
#997-9355 $3.95

ALL PRIMARIES
115 VOLT 60 CYCLE
SEC: 125v. 25 MA.
#681-K-34 $1.25
SEC: 2/14VAC 600MA.
2½x1½x2; 1 LB.
#VAR-214/6 $2.50
SEC: 12 VAC 3 AMP
3x2½x2; WT: 2 LBS
#1936K1 $3.50

SEC; 2.5VCT 10 A.
2.5v** 10 A.
2400 V TEST
3½x3x4½; 6 LBS.
2Z9987-3 $4.95

SEC: 110 VAC 100 MA
130 " 100 MA
SZ12:2½x3x2;
#801632 $1.75

SEC: 125 VCT 15 MA
6.3 VAC 0.6 A
SIZE:2x2x1½; 8 OZ.
#30961 $1.50



AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2¼x4 WT. 2¾ LBS.
PRICE: $1.00

OUTPUT
TRANSFORMER
NP/NS-1.77/6.6,50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: $.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP
3½x5½x4; 12 LBS.
GE#9T35Y159 $3.95

SEC: 6.6 v. 10 AMP
6.6 v. 1 AMP
5x4x3½ WT: 10 LBS.
GE#9T35Y184 $3.25

ALL PRIMARIES 115 v 60 HZ.

SEC: 6.3 VCT 3 A. AND 5 v.
6 AMP. 3¼x4½x4¼ 4 LBS.
#2Z9611.106 $4.95

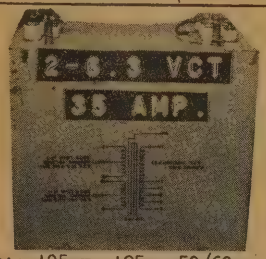
PRI: 115/120/125 @ 60 CYCLE
SEC: 6.3 VCT 5 AMP.
2¾x2¾x2½; 1½ LB.
#5950-721-2011 $4.95

PRI: 66 v. 50 TO 63 HZ
SEC: 15 v. 25 AMPS
SIZE: 5x4½x6¾ WT: 15 LBS.
#5950-660-7183 $12.95

PRI: 230v 60 CYC
SEC; 6.3v 30A OR 5.67v30A
4¼x5½x3½; 13LB#6510 $4.95

SEC: 6.3 VCT @ 12.5 A.
6.3 VCT @ 1.5 A.
4x3¼x5; WT: 9 LBS.
#5950-646-1223 $4.95

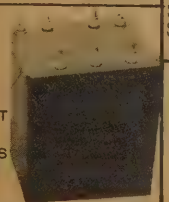
SOLA CONSTANT VOLTAGE
PRI:95-130 VOLT 60 CYCLE
SEC: 6.5 VAC 12 A. CONST
9½x4x4; 16LBS.S#302473
5950-578-8875 $9.95



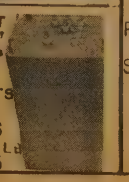
PRI: 105 TO 125 v 50/60 CYC
SEC: 2/6.3 VCT @ 35 AMPS EA
SIZE:7x6¾x5¾; WT: 30 LBS.
SMITH#3002730 USED $12.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE:1½x1¼x1½; WT: 8 OZ.
$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE:2¼x2½x2; WT: 1 LB.
T-203/PP-115 $1.50



PRI: 115 VOLT
60 KH
SEC: 2000 VCT
@ 500 MA. CONT
700 MA. INT.
7¾x5x5½; 30LBS
8323 $25.00



PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE:4½x6x4; 20 LB
TF1A13MA $4.95

HIGH VOLTAGE TRANSFORMERS

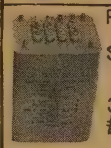
DC POWER SUPPLY
PRI: 115v 60 CY
SEC: -8000 v.
@.25-1 MA.
-120v @ 15 MA
- 24v @ 1.2 A
-16.v @ .45 A
SIZE:4x4x9½; WT: 15 LBS.
#GE9T63Y2280G03 $14.95

IGNITION
TRANSFORMER
GE# 9T62Y4054
PRI: 120v 60HZ
SEC: 5000 v.
20 MA.CASE GND
SIZE:5x4½x3½; WT: 13 LBS.
#5950-529-6870 $9.95

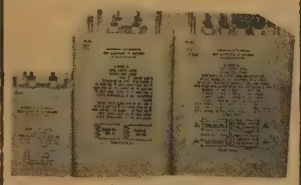
PRI: 115 v. 60 HZ. 250 VA.
SEC: 10,000 v. 23 MA. CASE
GROUND.
SIZE:8x5x5; WT: 18 LBS.
GE# 56G9 $14.95

PRI: 105/110/115
120/125V 54-66cyc
SEC: 365V TAPPED
335 V.@ 500 MA.
4½x5¼x3½; 9 LB.
#ADCA8691 $2.95

PRI: 115 VAC
60 HZ.
SEC: 1800 v.
@ 300 MA
TAPPED AT 400v
4½x4x4¾; 12 LB
AB-6950 $9.95



PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3½x5x3" 8 LBS.
TF1A02JA
$1.95



TRANSFORMER
PRI: 115/230 v. 50/60 CYC.
SEC: #1 54.4 VCT, 2.5 AMP
#2 37.5 " 7.85 "
SIZE:4½x6¾x3½; WT: 22 LBS.
SCHOIT#3309/TF4RX020A $9.95

CHOKE-INDUCTORS
30 MH 3 AMPS. 0.18 OHMS. &
5 MH 10 AMPS. 0.075 "
SIZE:5½x6½x4½; WT: 22 LBS.
SCHOTT#S3310/TF4RX040A $8.

5 MH 3 AMPS. 0.125 OHMS
SIZE:3x4¼x2½; WT: 5 LBS.
SCHOTT#S3625/TF4RX04HA $5

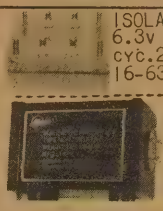
CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 Hz
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.

SEC: 18 VDC 6 AMPS
SIZE: 4¾x3¼x5, 10LB
#21804 $7.95

SEC: 24 VDC 5 AMPS
SIZE: 4¾x3¼x5 15LB
#22661-1 $9.95

SEC:25-27VDC 3.5 A
AMPS; 5x3¼x4¾ 11LB
#22662 $6.95

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE:3x3½x3¼ LBS
STK#ORD7629806
PRICE: $1.50



ISOLATION 6.3v TO
6.3v 1.2 A.58-62
CYC.2½x2¾x2½:3LB.
16-6384 $2.95

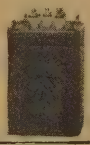
MAGNETIC
AMPLIFIER
115,400 CY/
HEATER/D.C
REFERENCE/
CONTROL.
KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1¾ LB.
5950-712-3882 $3.95

PRI: 120v 50-60cyc.
SEC: 5v CT @ 10.8A
SIZE: 5½x3½x3½
WT. 8 LBS.
#L 217247-1
PRICE: $3.95

PRI: 95/105/115/125/
190/210/230/250
@ 60 CYCLE
SEC: 2/4/6/8/@225 MA
90/100/110 @
225 MA.
115 @ 500 MA.
4½x5¼x4; WT: 13 LBS.
KLIENSCHMIDT 5399 $9.95

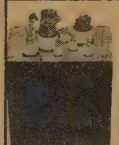
PRIMARY VOLTS
81,163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3¼ AMPS
12 CT. 3¼ "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 $5.95

PRI: 110v 60 CYC-
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2¼x2½x4
WT. 4 LBS.
5950-556-1826
$2.50



PRI: 115v 60cyc
SEC: 40-0-40v .18A
3x3¼x5 WT. 5LBS
#7629808
$1.50

PRI: 115v 60 CYC
SEC: 5.7v 21.8A
3¾x4¾x5 WT. 9LB
GE-7469149
PRICE: $6.95



PRI:1/2/4/10/20/
40/100/200/400/
1000/2000
SEC: 40 v. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 $8

PRI: 117v 50/60 CYC
SEC: 6.3v 11A & 6.3v 3A
& 5.0v 4A & 5.0v 2A
3¾x5¼x4; 12 LBS.
5950-647-8697 $5.95

CONTROL TRANSFORMER
PRI: 115v. 60 HZ
SEC: 24v. 20 VA.
2¾x2x2; WT: 2 LBS
#BE-8002 NEW $1.50

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4½x3½x5; 8 LBS.
#2Z9611.144
$2.95

PRI:115v60CY
SEC:375.5v
@.016A
7.1v @ 1.15A
2x3¼x2; 1LB
2Z9619-62 $2.95

PRI: 110/220/440 v
50/60 CYCLE
SEC: 24 v 6 AMP.
6 v 1 "
CIRCUIT RESET FOR
4¾" SQ. BX. MTG.
7x4½x5; 10 LBS.
FOSTER#11586$6.95

CONSTANT VOLTAGE
TRANSFORMER
SOLA #21134 WITH
CAPACITOR. REGU-
LATES VOLTAGE AUTO
MATICALLY AND IN-
STANEOUSLY.
PRI: 95-130v 60cyc
SEC: 6.3 v 2.38 A
5¼x3½x2¼ WT: 8LBS.
#5950-581-5333
UNUSED $5.95

PRI:115 v 60 HZ
SEC: 24VAC 2.2 A.
3x2¼x2½; 4 LBS.
#BE 8445 $2.50

PRI: 115v 50/60cy
SEC: 24v 15VA.
2½x2½x2 1½ LBS.
#AB-637-001-808
PRICE: $1.25

PRI:115v 50-133cy
SEC:20 VOLT LOAD
OR 12.5v @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2½; 2 LBS.
#FR-24960 $1.25

AUTO-TRANSFORMER 0-107-115-122-210-230-250 V. 60HZ 1.5KVA W/ON-OFF SW. 3 SLO BLO FUSES & INDICATORS 5x13x7¼; 40LB. KS2833 $15.

FILAMENT TRANS. PRI: 215 V 60CY 71V.A. SEC: 11.5VCT4.3A 4¾x3½x3¼ 7LBS. #199-2255 $3.95

PRI: 115 VOLT 50/60 HZ SEC: 230 V 2.2 A. 4ADC HALF WAVE. SIZE:6x5⅝x7⅛; 35 LBS.FGC-29/7F1A03YY $12

PRI: 0/116/120/124V. 60CY. SEC: 126V. 1.1A. 114V. 1.0A. TF4RX01YY 8¾x5¼x4½ .27 LBS. K95-1476 $7.95

CHOKES

8 HY 100 MA 160 OHM 2½x3½x2½; 3 LB. #TR-1024 $1.50

10 HY 0-1 AMP DC @ 10V. 60 HZ, 268 OHMS. 2¾x3¾x2¾; 4 LB #6467 $1.75

5 TO 42 HY 160 OHMS, 130 TO 200 MA 3¼x3x4; WT: 7 LBS. #5950-646-0561 $1.75

12 HY 210 MA 50 OHM; 5x6x4½; 14 LBS. #3C316-33 $2.50

140 HY @ 5V. 60 HZ; 10 MA DC 2700 OHMS. 2¾x2¾x3½; 3 LBS. #HA-81-C $2.95

8 HY 300 MA RES. 90 OHM WT: 7½ LBS. 8x3¼x4¼ 3340-310-190 $5.95

BENDIX CHOKES 12 HY@400 MADC 100 OHM 5x6x4¼; 20 LBS #L217434-1 $7

5 HY @ 400 MADC 60 OHMS. 4x5¼x4; 12 LBS #L217432-1 $5

6 HY 80 MA P/O TG-10 2½x2x2, 1¼ LB #27294 $.89

5 HY 50 MA RES. 250 OHM 2x2x2½, 1¼LB #3C3672 $.75

SCOPE XFORMERS

PRI:115V 50-1600 CYCLE SEC:(1 WIND. 1100V 2MA,250 VCT 60MA,1.25V .2MA) 6.3V3.6A & 2/6.3V.6A 4¼x4½x3½; 10 LBS. 5950-239-9448 $7.95

PRI: 115 VAC 50/60 HZ SEC: 2/ 2.5 V. 1.75 AMP + AND -2000 WV. 1400 V. @ 3 MA DC. SIZE: 3¼x3x4¼ WT: 7 LBS. #5950-562-6279 $6.95

PRI: 118 VAC 60 HZ SEC: 6.3 V. 5 AMP 8214 WV. SIZE: 5x3½x3 WT: 7 LBS. #5950-059-2414 $6.95

PRI: 120 VAC 60 HZ SEC: 6.3 V. .7 A. 535 WV. 2/6.3V. .6 A. OPPOSED; 350 WV TO SEC3, 3800 WV TO GROUND 180 FW BRIDGE 50 MA, INSULATED FOR 3800 WV SIZE: 3½x3¾x5 WT: 8 LBS. #HA-123-P $6.95

8 HY 100 MA 160 OHMS 2½x3½x2½;4LB #TR-1024 $1.50

.5-.25 HY @ .2-.6 ADC 7OHMS MAX DC 535V WVM 2½x3½x2½ 4 LBS. GE#9T35Y283 $1.25

30 HY 70 MA 550 OHM 2¾x2½x3½ 1LB #3C325-6 $1.25

TOBE FILTERETTE 7.5 AMPS. 500 VDC TEST 2¾x1⅝x1¼ ½LB 5915-504-1448 1426/7966 $1

1.5 HY 1.5 AMP 5000 V. TEST 8½x8½x6½; SHPG. WT: 60 LB 5950-159-6041 $14.95

10 HY 150MA 210 OHMS WT. 4½ LBS. SIZE: 2¾x5x2¾ #217386-1 $1.75

CHOKES LOW VOLTAGE HY UNKNOWN

LEEP6580 3 AMP. $1.95 LEEP6433 9 AMP. $3.95 SIZE:2½x3x2½. 3 LBS.

6.3 HY @ 6.24A. 61 OHM;3½x3x3¼ #814-2421 $3.95

10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3¼ WT: 12 LBS. 5950-645-9675 $4.95

CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3½x3½x5 WT. 9LB BENDIX#L217380-1 PRICE:$3.95

10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE3¼x4¼x3 WT: 7 LBS. 3C323-6Z20 $1.95

3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715WV 4x5¼x3½;10 LBS TF1A04KA/A8649 $2.95

11 HY 120 MA 3¾x3x3¼ 6LBS. #13639-S $1.95

5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4½x4 WT. 13 LBS. #3521746 $7.00

10 HY 225MA 85 OHM 3¾x5¼x5 WT. 11 LBS. #TF1RX04YY $3.95

25 HY 35 MA DC 1070 MV 2x3x2; 2LBS GE#7415231 $.79

DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5½ WT 8 #3C557F-1 $1.75

11 HY 500MA 1350 VAC @ 120CYC 7x6x9½ WT. 42 L TC NO. DC-6281 PRICE: $8.95

10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 $5.95

14 HY 125MA 275 OHMS. 2¾x3¾x5½; 308-708-060 $1.25

.08HY .53OHMS 2500 MADC 5x5x4; 20LBS 5950-155-9326 $9.95

17 HY 80 MA 300 OHM 2½x2½x3 WT. 2 #3C326-31B

REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3¼x4½x2¾; WT: 6 LBS. L-225/PP-115 $2.50

PRI: 117V 50-60CYC SEC: 3/5V CT @ 2A 2/5V CT @ 2A 2/2.5V @ 10A 7x4x3¼ WT. 12 LB GILFILLAN #5448-1 PRICE: $5.95

PRI: 220/230/240V 50-60 CYC SEC. 2.5V CT @ 10A 5½x3¾x3½ WT. 6LBS 5950-648-4773 PRICE: $2.95

PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4½x5¼x7 18 LBS. #5950-645-3891 $6.95

FILTERS

BAND PASS FILTER 2320CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2½x2½x3 WT. 2 LBS. STK# 3Z1892-19 $1.95

INTERSTAGE FILTER; 12 TO 24 MC. OPERATIONAL FREQ. STANDARD 5 PIN. 2¼x4x1¾ WT: 1 LB #3Z1892-62.15 NEW $1.95

LOWPASS FILTER; 500 KC CUTOFF. 1½x2½x4½ WT: 2 LBS. #3Z1894-12.2 $2.95

BAND PASS FILTER 27.8 TO 30.8 KC.. OPER. FREQ. 29.3 KC,INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS.2Z4376.28 4½x5½x3¼; 3LBS. $2.95

DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0-48 V. MAX. 20 A. TOTAL. SIZE:10x10x7; SHPG. WT: 90 LBS #GR-3 $19.95

MULTI-VOLTAGE ISOLATION TRANS. PRI:73/88/95/105/115/125/190/210/230/250. 50/60 CY SEC:17.6/35.2/189 193/196/200/203 @1.6 AMP. 9½x4¼x7½; 40 LBS. 2Z9619-6 $14.95

PRI:115/230V 50/60 CYC SEC:444VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3½; 8 LBS. 5950-376-9600 $3.95

PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4½x5½ WT. 12 LB CS8779A $5.95

IGNITION TRANSFORMER PRI: 230V 50/60 CY SEC: 5000V 18 MA ONE END GND. 6x4½x3¾; 12 LBS. 5950-959-5369 $7.95

PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3½x5 WT. 7 LB BENDIX#L217336-1 PRICE: $3.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE:7x8x5 SHAFT ¼x1¼; WT: 25 LBS. POWERSTAT#LW136U USED $25

KNOB 4" DIA. WITH POINTER TAKES 11/16" SHAFT(NEEDS TO BE REDUCED TO FIT ABOVE UNIT) #KNOB-35 $1.50

TRANSTAT REGULATOR FIXED 115 50/60CY VARIABLE 0-130 AMPS. 10 24 LB. #N30668 NO DIAL $19.95

TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 VAC 60CY SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE.140 LB SIZE:16x8x15½; 5950-537-4950 PRICE: $39.50

PRI: 115 V. 60 CYC .25 KV INSULAT SEC: 8.5 V. 54 AMP OR 7.5 V. 48 " OR 7.5 V. 32 " SIZE:6x7½x9; 50 LBS #3340-296-879 $14.95

PRI:120 V 60 CYCLE SEC: 5.4V/2.7V @15A 5VCT @15A WITH INSULATOR & TUBE SOCKET C6 5x5x7; 15 LBS 5950-553-5572 $14.95

PRI: 115 V.60 CYC SEC:150V. 550 MA 150V. 2.0 AMP 5.0V 5.0 " 6¼x6½x4½; 28 LBS. 5950- $6.95 5950-481-3482 $6.95

PRI:117.5V 60CYC SEC:525VCT125 MA. 6.3V 6.3 A. 5.0V 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A646 $4.95

PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE:3½x5x3½; 8LB #BNJT-166 $2.50

POWERSTAT 136B/1191, INPUT 115V 60KH, OUTPUT 105-135V. 35 AMP OPEN FRAME $45.00

POWERSTAT TYPE 108 115 VOLT 60 HZ 0-132 2.25 AMP$14.95

STACO 300BU 120 V 50/60 HZ 0-140 V. 3 AMP. $17.95

POWERSTAT 1177-3 240 V.3PH 0-240 V 10 AMP. $65.00

POWERSTAT 51290 115 V 50/60 HZ 0-135 V 7.5 A. $22.95

TRANS. VAR. 115V/60HZ. 30-135V/250MA.2Z9613.270 $6.

GRV-5 VARIAC, 115 V. 60CYC OUTPUT 0-135V 6 AMPS. 5950-583-1507 $18.95

GR-M20BB VARIAC,120V 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 $45.00

GR TYPE M-5/RMS11-2, 115V. 400 HZ. OUTPUT 0-135V. 7.5 AMPS, 0.862 KVA. #5950-683 7486, 1-PHASE. NEW $12.95

POWERSTAT, 115V. 400/800HZ OUTPUT: 0-130V 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW $13.95

MOTOR DRIVEN POWERSTAT 1126-1013, 115V. 50/60 HZ. SINGLE PHASE. OUTPUT: 0-135V. 15 AMP, 2 KVA. NEW $65.00

AHR MODEL SV-C-1011, 115V. 60 HZ, 2-PHASE. 13 RPM. OUTPUT: 135V. 7.5 AMPS. #5950-589-4080 NEW $50.00

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICLE POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE:5x6 HIEGHT OF BASE 10". WT: 10LBS. $4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. $4.75

Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional heighth desired. Example a 33 ft. vertical may consist of one each MS-49, 50,51,52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt.app. 3/4lbs. MS-49-50-51-52-53 .50¢ea.

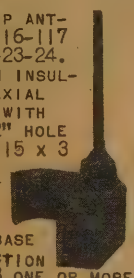
MS49 MS-50 MS-51 MS52 MS53 MS54

ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1¾x8; 1½ LB. NT-66023 $1.95

GROUND PLANE ANTENNA; MADE FROM HEAVY SURPLUS INSULATED BASE USING SCREW-IN TYPE SECTIONS AND MOUNTS ON 1" PIPE. FOR USE IN 25-50 MHZ RANGE. ONLY. SPECIFY FREQ. SHPG.WT: 10 LB. GP48 $24.00

AN-45 ANTENNA TELESCOPIC, 8 FT. EXTENDED, 17½" COLLAPSED, MONEL METAL, REQ. STUD FOR MOUNTING 5/16-18 THREAD SHPG.WT. 1 LB. NEW $2.95

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE. INPUT NOM. INPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v.50-400cy. RACK MTG. 19x8¾; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT;75LBS. UNUSED $29.95

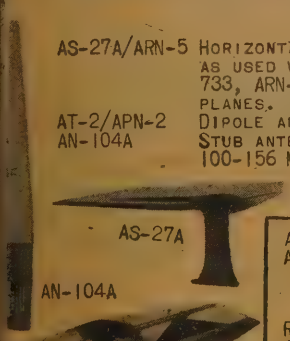


AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 18 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3¼x3" AND COAXIAL CONNECTOR FOR USE WITH XL-259, REQUIRES 2" HOLE FOR MOUNTING.SIZE 15 x 3 WT: 2 LBS. USED

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39½" LG. DIA. .393,ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39½" LG. $1.50 PER. SEC.

AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10¾x7x4¾; WT: 8 LB $4.95

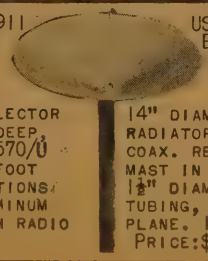
A-27 PHANTOM ANTENNA USED WITH BC-375 BC-191 100 WATT TRANSMITTERS FOR TUNING AND LOADING, CONTAINS 0-150 MMF WIDE SPACED VARIABLE CAPACITOR 3/16 SPACING, 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX WITH KNOB AND SCALE 0-100, BINDING POST ETC SIZE:3½x7x4½; WT: 8 LBS PRICE: RE-NEW $3.95



AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC $9.95

AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95

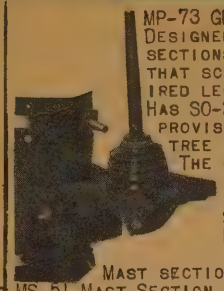
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95



AT-911 ANT USD-1 ENNA

REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO

14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1½" DIAMETER TUBING, USED PLANE. 10 LB PRICE:$9.95



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21,22, MS-116,117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICLE ANW. AND THE RADIALS ARE 5/16" DIAMETER. SIZE:10x15x6; WT: 10 LBS. PRICE: NEW $9.95 AB-21,22 OR MS-116,117

MAST SECTIONS ARE AVAILABLE NOW!!!

MS-51 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. $1.50 EA. 4 FOR $5.

AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 $1.50 EA. 4 FOR $5.

AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC.$1.50 EA. 4 FOR $5.

AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. $1.50 EA.

AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. $1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING.$1.50 4/$5.

M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE,7½" LG. $1.50EA 4/$5.

FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT MAILABLE)#9735 $5.00

UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS.BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.
AT-50 FOR USE IN LOW BAND $14.95
AT-51 FOR USE IN HIGH BAND. $14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. $1.50 EA. 4/$5.00
MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 $3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED,8½" COLLASPED,CHROME. 50¢ EA. 5/$2.00

GQ1=51048 TELESCOPING WHIP ANTENNA, 15" COLLASPED 7' EXTENDED. $1.50 4/$5.

AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. RECPT. TAKES UG-494 CONN.USED SIZE:9¼x12x10; 20 LB. $24.95

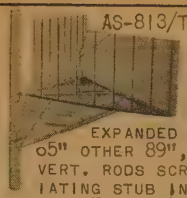
DIPOLE ANTENNA

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS, FREQUENCY APPROX. 200 TO 300 MHZ. DIPOLE HAS ADJUSTABLE ELEMENTS WHICH EXTEND SPREAD FROM 12"L X 7"W TO 21"L x 15"W. DIPOLE STANDS 14" OFF MTG. BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST. ALUMINUM. SHPG. WT: 35 LBS. PRICE: UNUSED, $25.00

MATCHING NETWORK

CU-1696

AN/GRA-93 ANTENNA GROUP WITH CU-1696 IMPEDANCE MATCHING NETWORK USED FROM 2.0 TO 30 MHZ. CU-1696 HAS THREE VARIABLE CAPACITORS FOR ITS TUNING AND TWO PRESET CIRCUITS. BANDSWITCH POSITIONS ARE PROVIDED ON CASE. SIZE: 5x7½x7. GRA-93 GROUP ALSO INCLUDES 30' TWELVE SECTION MAST (TAPER 1½" TO 1") WITH INSULATOR SECTION. PLUS THE FOLLOWING: 2 REELS OF TWO 60' LENGTHS COPPER ANTENNA WIRE; 1 REEL OF TWO 60' LENGTHS COPPER LEAD-IN WIRE; 328' NYLON GUY WIRE (4 EA 38' & 29' AND ONE 60' LENGTHS); TWO MAST BASES; AND OTHER ACCESSORIES. NYLON TOTE BAG FOR THE ENTIRE SET. SHPG. WT: 17 LBS. PRICE: UNUSED $27.95



AS-813/TRC-47 GROUND PLANE TYPE CORNER REFLECTOR FOR USE IN THE 132 TO 150 MHZ BAND, 50 OHM IMPEDANCE. TRIANGULAR ALUMINUM FRAME AND EXPANDED ALUMINUM BASE. TWO SIDE 65" OTHER 89", 16 VERTICAL RODS, 16 VERT. RODS SCREW INTO FRAME AND RADIATING STUB INTO CENTER AND IS ADJUSTABLE 17 TO 21¾", MOUNTING BRACKET FOR POLE OR MAST. SHPG. WT. 55 LBS. MOTOR FREIGHT ONLY. PRICE: $15.00

AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE:6x8; 4 LBS. NEW $4.95
UG-21 COAX. CONN. TO FIT 50¢
AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BEND DOWN FOR ¼ WAVE TRANS. AND PHASING. SIZE:9½x8; WT: 8LB.TAKES UG-21 $7.95

ANTENNA COUPLER REMOTE OPERATION 2 TO 24 MHZ,200 WATTS APPROX. MOTORIZED VACUUM CAPACITOR 300 MMF 7500 V., ROTARY INDUCTOR,SERVO MO. FAN, 10 RELAYS SWITCHES, CAPCITORS RES. ETC.TUBES 5727 4 EA.,2/5670,3/6201.#5821-658-3692 SIZE:24x7x8; WT: 25 LBS. USED $29.95

BC-306 ANTENNA TUNING UNIT; USED TO MATCH ANTENNA TO REC. OR TRAN 150-800 KH RANGE W/VARIOMETER, TAPPED COIL SW. VERNEIR DIAL ETC SIZE:18x9½x9¼;15 LBS,NEW $5.95

REFLECTORS MICROWAVE,PLANE TYPE CONFIGURATION,ALUMINUM,WITH BRACKETS ETC. SIZE 8'x6' SHPG. 375 LBS. $150

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE:10x11x5; WT: 15 LBS. PRICE:(AS ILLUSTRATED) USED $7.95

COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5½x3½x3½ WT: 4 LBS. NEW $4.95

CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE:8x4½x7¼; SHPG. 15LBS. NEW $4.95

NEON LIGHTING ARRESTOR HI-POWER 4 for $1

UG-1024 INSULATOR F/"L" TYPE ANTENNA,COAX. FITTING FOR UG-88,3½x2x1 $2.95

ANTENNA WIRE PHOSPHOR BRONZE #16, 20 FT.LG. W/2 SNAPS AND SLIDE. 85¢ EA. AN-22 2/$1.50

CABLES

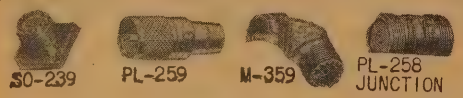
NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE.
LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.19	.17	.17	.17
RG-11/U	75	.16	.14	.14	.14
RG-58/U	53.5	.09	.07	.07	.07
RG-59/U	73	.12	.10	.10	.10
RG-62/U	93	.08	.06	.06	.06

NEW COAXIAL CONNECTORS



SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	$1.25 EA.
10 OR MORE 55¢ EA.	10 OR MORE 55¢ EA.	10 OR MORE 60¢ EA.	10 OR MORE $1.10 EA.

Coaxial Cable FOR LESS THAN 4c Per Foot!

RG-54 A/U CABLE—

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL $12.00 92 FEET ROLL $3.50

LESS THAN SPECIFIED LENGTHS .04 PER FT.

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-223/U	50 OHMS .216 OD. 250 FT. W/UG-88E CONN. EA. END, WOUND ON SPOOL FROM TEST SET. WT: 12 LBS. PRICE: $15.00				
RG-26/U	48	30FT	2/UG-34	3E4392-11	$4.95
RG-22/U	95	40FT	1/PL-284	CD-879	$2.95
RG-22/U	95	46FT	1/PL-284	CD-878	$3.25
RG-22/U	95	50FT	1/PL-284	CD-877	$3.50
RG-62/U	93	8FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

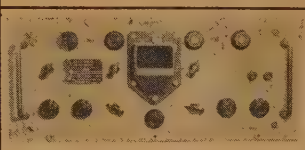
CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23½	52 IN.	TCS/REC-PS	$2.75
3E7273-19	SKC16-23½	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNECTORS USED

UG-290/U	PANEL RECPT.	USED	25¢ EA.	5/$1.00
UG-291/U	PANEL JACK	"	30¢ "	4/$1.00
UG-88/U	PLUG	"	35¢ "	3/$1.00
UG-260/U	PLUG	"	39¢ "	3/$1.00
UG-262/U	PANEL JACK	"	45¢ "	2/$ .75
UG-260/U	SPEC. ELBOW	"	45¢ "	2/$ .75
UG-21/U	PLUG	"	59¢ "	2/$1.00
UG-22/U	PANEL JACK	"	59¢ "	2/$1.00
UG-29B/U	ADAPTER	NEW	79¢ "	2/$1.50
UG-29/U	ADAPTER SPEC	USED	59¢ "	2/$1.00
UG-629/U	PANEL JACK	NEW	85¢ "	2/$1.50
UG-36/U	PLUG	USED	$5.00"	2/$9.00
UG-306A/U	ANGLE ADAPTER	NEW	$1.25 EA.	2/$2.00
UG-420/U	PANEL JACK	"	$1.25"	2/$2.00
UG-421/U	PLUG	"	$1.25"	2/$2.00
UG-100/U	PLUG		59¢ "	2/$1.00
UG-100/U	PANEL JACK SPEC.	U	59¢ "	2/$1.00
UG-109/U	STRAIGHT ADPTER	U	79¢ "	2/$1.00
10H528	PANEL JACK	NEW	79¢ "	2/$1.50
10H702	ELBOW	NEW	79¢ "	2/$1.50
10H1366	STRAIGHT	NEW	79¢ "	2/$1.50

TS-239 OSCILLSCOPE GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE. INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLEY .2 TO 5M MICRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JP1 SIZE: 21½x15½x13½; WT: 75 LBS.

PRICE: USED REPARABLE $45.00 CHECKED $59.50

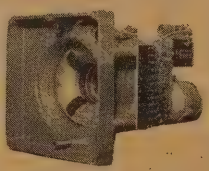


OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEE OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIDIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300v, -27v, 425, 105v. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS.
RENEW- $34.95.....USED- $22.95

RADIAC SET

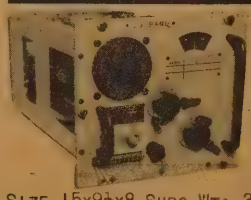
AN/PDR-27CY RADIAC SET DESIGNED TO DETECT GAMMA AND BETA RADIATION OR GAMMA RADIATION ALONE. THE PRESENCE OF RADIATION IS INDICATED ON A MILLIROENTGENS PER HOUR METER WITH SCALES OF 0.5, 5, 50 AND 500 SELECTED BY A SWITCH. THE TWO MOST SENSITIVE RANGES UTILIZE A NAVY TYPE 5979/BS-1 GEIGER-MULLER TUBE IN THE PROBE WHILE THE TWO OTHER RANGES USE ONLY A NAVY TYPE 5980/BS-2 G-M TUBE. ONLY GAMMA RADIATION CAN BE MEASURED ON THE TWO LESS SENSITIVE RANGES. POWER REQUIRED: EIGHT "D" SIZE FLASHLIGHT BATTERIES (NOT INCLUDED). SIZE: 8x6x12½ SHPG. WT: 15 LBS. LESS BATTERIES. PRICE: USED, COMPLETE $29.95

MANUAL FOR AN/PDR-27C RADIAC SET $5.00
"D" SIZE FLASHLIGHT BATTERIES .30 EA.



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 v 60 CYC 2 PH AND A.C. SELSYN 115 v. 60 CYC. TYPE XV #78386, CAST ALUMINUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 11" SQ. X 15" DEEP, WT: 35 LBS.
PRICE: LESS 7BP7 C.R. TUBE UNUSED $14.95
WITH 7BP7 C.R. TUBE " $24.95

AMPLIFIER CONVERTER



AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE, SIZE 15x9½x8 SHPG WT: 30 LBS.
USED EXCELLENT CONDITION $75.00

PARTS BONNAZA

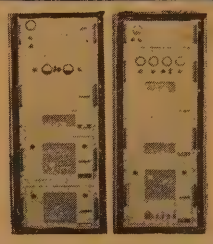
PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTERS. FOR LIST OF PARTS THAT ARE IN EACH UNIT LOOK IN OUR PREVIOUS CATALOGS OR SEND FOR LIST. SIZE: 17x9x7½ WT. 15 LBS.

TU-7B 4500 KH	-6200 KH	USED	$4.95	NEW $5.95
TU-8B 6200 "	-7700 "	"	4.95 "	5.95
TU-9B 7700 "	-10000 "	"	4.95 "	5.95
TU-10B 10M "	-12500 "	"	4.95 "	5.95

BC-306 ANTENNA TUNING UNIT FOR USE IN THE 150-800 KH RANGE. USED $4.95 NEW $5.95

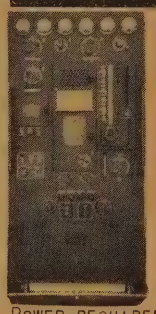
NOTE: IF USED UNITS ARE NOT AVAILABLE WE WILL SHIP NEW AT THE NEW PRICE OR VICE VERSA.

TRC-28 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOYS A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 Hz 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS.
PRICE: TRC-29, UNUSED LESS SRL-7 $395.00

400 WATT TRANSMITTER



TCK-4 400 WATT TRANSMITTER; 2.0 TO 18.0 MHZ IN SIX BANDS. OUTPUT: 400 WATTS CW; 100 WATTS PHONE. 100 KHZ CRYSTAL CALIBRATOR; VFO CONTROL ON 1 KHZ DIVISION DIAL. RF STAGES ARE GANG TUNED WITH DIGIT COUNTERS. WITH SIX 3½" METERS FOR MONITORING VOLTAGES AND CURRENTS. ALSO OVERLOAD RELAYS, CIRCUIT BREAKERS, AND OTHER CONTROLS. WITH TUBES 2/813 (POWER AMP), 837 (DRIVER), 837 (VFO), 807 (AUDIO), 6SK7 (CALIBRATOR), 6SK7, 6SL7, 6SJ7, 6SN7, 6SQ7. POWER REQUIRED: 110 VAC 60 HZ (FILAMENTS). ALSO 1800 VDC @ 400 MA, 500 VDC @ 350 MA, 12 VDC @ 2 AMPS, AND 230 VDC. SIZE: 52x25x18 WT: 285 LBS. SHPG. WT: 470
PRICE: RECONDITIONED $125.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REQ. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6BF7.
SIZE: 7½x14x5½; WT: 17 LBS. PRICE: USED, $19.95

G-25A HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES; APPROX. OUTPUT 100 VOLTS. CAN BE USED AS SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND. PERMAMENT MAGNETS. 4½x2½ DIA; 1½ LB. U. $2.95.

DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3½ CNTS. BODY SIZE: 6½x4¼x4¼ WT: 11 LBS. $4.95

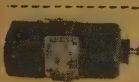
SM-30-FR MOTOR, 115 VOLT 60 HZ 1/75 HP, 1-PHASE. 1750 RPM; 5/16 INCH DIA. SHAFT WITH FLY WHELL THAT CAN BE REMOVED. SIZE: 5½x4½x4 WT: 5 LBS. $2.95

JOHN OSTER TYPE C-24A-1B KS-5829 27 VDC, 0.01 HP 7000 RPM. SERIES MOTOR. SIZE: 3x2 DIA. SHAFT 1x¼ DIA. WT: 1 LB. USED 75¢ UNUSED $1.25

GE#5PR56HCM 110 V. 2.3 A.8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3½x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.$12.95

DICTAPHONE #7CB-2P; 115 V. 60 C 1/60 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END ¼x½, 2LB.N $9.95

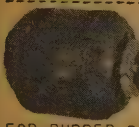
ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4½x3½" DIA. WT: 1½ LB. PRICE: GOV'T RECONDITIONED $2.95



DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5½x2½ DIA. SHAFT 1x¼ DIA. WT: 1½ LB. UNUSED $2.95

TG-10 KEYER MOTOR, 115v. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3½x3½x4½ WT: 3 LBS. #3H3000-3 USED $2.95

ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1½x¼" DIA. MOTOR SIZE: 4½x3½ DIA. WT: 5 LBS. USED $3.95



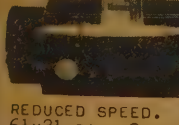
WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115v. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4½x4x4; WT: 5 LBS. SHAFT 5/16x½ FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW $4.95

TELETYPE MOTOR AC; 110 VOLT 60 HZ, SINGLE PHASE, NON-SYNCHRONOUS. 0.04 HP, 1800 RPM, 1.25 AMP. DOUBLE SHAFT 1¼x3/16 AND 5/8x3/16 MOTOR SIZE: 5¼x5x5 WT: 13 LBS. GE#28478 USED $4.95

RECORDER MOTOR, 115 V. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FOR FLAT MOUNT. ¼" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4½x3¼. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE $5.95 LESS CONE $4.95

HEINZ 1160039-C57; 115 V. 60 CYC. .7 A.3500RPM MO. SIZE 3x3¾, SHAFT ¼x3; 3 LB. CONT. N.$6.95

EAD/WE KS-5718; 115 V. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3¼x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.$14.95



WE KS-5871-L01 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT ⅝x¼, OVERALL SIZE: 6¼x3¼ DIA. SHPG. WT: 7 LBS. USED $7.95

MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2½x2¾x3 WT: 1 LB. #MER-MO2428 USED 75¢

OPEN FRAME MOTOR, 115v. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT ¼x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B $1.00

EMC TYPE 300, 45v. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2½x1¼, SHAFT: 1x3/16" DIA. WT: 1 LB. $1.50.

GEARHEAD MOTOR, 115v. 60 HZ; 54 RPM, OPEN FRAME FOR MEDIUM USE. SHAFT ¼x5/16" DIA. SIZE: 4x3x2¾ WT: 2 LB #9M203 UNUSED $2.95

GEARHEAD MOTOR, 115v. 60 HZ. 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. MOTOR SIZE: 6x2x3 WT: 2 LBS. #ZA-1056 $1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 11½x8¾x3½; MOTOR SIZE: 1½x2x1½ WT: 3 LBS. $2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2¾x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED $3.95

DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1¼x1½x2¼; CASE SIZE: 2½x2½x2 WT: 2 LBS. #3H3100A-1 $3.95

DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. $3.95

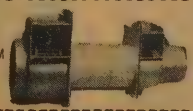
PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM, AND IS GEARED TO TWO SHAFTS WITH A 3" AND ½" GEAR WHICH TURN AT 40 AND 80 RPM. ASSY. SIZE: 4½x6x3, SHAFT ⅝x¼" DIA. WT: 3½ LBS. #3H3100-15 $4.95

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE:6x4½x2½; 5 LBS. $18.00

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVERALL SIZE 4½x3½x3½; WT: 2LBS. #451-1085 UNUSED $4.95

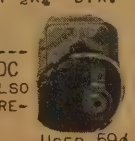
JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3½x3½x4½ WT: 4 LBS. USED $3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2¾x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR $3.95 BLOWER WITH PM MOTOR $6.95



12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED $3.95

LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT ½x¼" DIA. MOTOR SIZE: 2¾x2½x4, WT: 2 LBS. USED $1.95



PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115v. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. ..... USED 59¢

AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V,, STATOR 11.8 V. 400 CYCLE. SIZE:1½x1½; SHAFT 1/16x½. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. $2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE:1½x1½. PRICE: REMOVED FROM EQUIP. $2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V.TO 3 PHASE RATIO 1-1 SIZE:1½x1½; SHAFT ½x1/16 PRICE: NEW $2.95

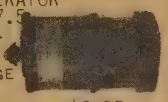
SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE:1½x2½; WT: 12 OZ. PRICE: NEW $2.95

SPERRY RAY-248,RCY-250,RBX-251, 662428,662-426, 652174 AND OTHERS. PRICE: RE-MOVED$2.95

HUGHES RESOLVER 810229, 810228,810227 RM$2.95
KETAY TRANSFORMER K-101300-20 RE-MOVED $2.95

23CX4	TRANSMIT. 115 V.	400	CYC	USED	$ 8.95
23TX4	" "	"	"	"	8.95
23TX6	" 115 V.	60	"	"	12.95
23CT4	CON/TRANS. "	400	"	"	8.95
23RS4A	RESOLVER 90/90V	"	"	"	8.95
23CT6	TRANSFORMER 90/1V PER. DEG.				"60CY 8.95

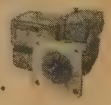
2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2¼x4¼; WT: 8oz. PRICE WITH CONNECTOR CAPS.....$3.95



DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2¼x2, SHAFT SIZE: 1/16x½ WITH GEAR. REMOVED FROM NEW EQUIPMENT. PRICE: $5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE.(WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE:2x2; 1 LB. PRICE NEW $3.95

GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED INSIDE FRAME WITH SHAFT & SPROKETS THAT ARE 3½" DI & 3½" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP CAP: HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE:7½x2¾x5½; 10 LBS.GE#9160256-G4M N. $5.95



LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3¼ WT: 5 LB. AIRSEARCH#34930 USED $3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL ¾". MOTOR 115v. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8½x4¼ WT: 5LB AIRSEARCH#3D146-120 USED $3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS. USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1½ WT: 2 LBS. #609-ARN-7 $1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4½x4 WT: 6 LBS. GI#4483 USED $1.95

RECEIVER TRANSMITTER

AN/GRC-19 RECEIVER-TRANSMITTER SET WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW. HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE. USED, CHECKED RECEIVER, REPARABLE TRANS. $270.

R-392/URR RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS ½ MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE.
SIZE: 11½x14¼x11 WT: 52 LBS. SHPG. WT: 70.
PRICE: USED, CHECKED $195.00

POWER INPUT PLUG $4.00 W/PURCHASE OF SET ONLY

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X150D'S. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX. 9 AMPS STANDBY. SIZE: 11½x14½x22; WT: 122 LBS. SHPG. WT: 150 LBS.
PRICE: USED, COMPLETE-REPARABLE $89.50

MT-851 MTG. BASE AS USED GRC-19 60 LBS.	U.$10
CX-1599 CABLE CONN. R-392 TO T-195	$8.95
T-195 BATT. CABLE WITH PLUG.	$4.95
R-392 MANUAL (REPRODUCTION)	$10.00
T-195 "	7.50
AN/GRC-19 OPERATORS MANUAL	3.00
T-195 OR R-392 " " EACH	3.00

F-237/GRC BAND PASS FILTER 54-70.9 MHZ, CONTINUOUS TUNING 250 KHZ. BANDWITH @ 3 DB, 4.5 MHZ @ 40 DB. IN-OUT 50 OHMS IMP. REDUCES CROSS TALK
SIZE: 11x11½x5; WT: 15 LBS. UNUSED $29.95

38 TO 54 MHZ RECEIVER

R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOISLY TUNEABLE, VARIABL SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3Q4, 2/6AK5 & OB2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 12 VOLTS @ 2 AMPS.
SIZE: 9x13x7½; WT: 32 LBS. USED $49.50

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED $29.95

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED $39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED $5.95

SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.

MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434 SIZE: 33½x13½x4¾; WT: 75 LBS. USED	$25.00
MT-298/U HOLDS TWO (2) R/T & TWO(2) PS. SIZE: 37½x13½x4¾; WT: 85 LBS. USED	$20.00
MT-299/U HOLDS ONE RT-66,67, OR 68 & ONE PS SIZE: 18½x13½x4; WT: 50 LBS. USED	$15.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8½x13x3¾; WT: 25 LBS. USED	$10.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CV. GSA. PP. ETC. SIZE: 8½x13x3¾; WT: 18 LBS. USED	$ 7.95

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER -TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DETENT CHANNELS OR TWO PRESET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24.
SIZE: 9x13x11½ WT: 42 LBS. USED $75.00

RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED $39.50

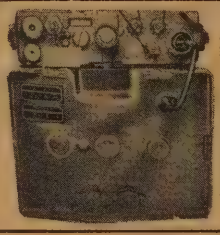
RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE $49.50 NEW $75

PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION.
SIZE: 9x13x7¼ WT: 38 LBS. USED $21.95

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1AD4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1½ VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9½x3x10½ WT: 9 LBS.
RT-176/PRC-10 USED $19.95

RT-175/PRC-9 SAME AS PRC-10 EXCEPT 27 TO 38.9 MHZ. USED $24.95 GOV'T. RE-COND. $29.95



AM-598 AMPLIFIER-POWER SUPPLY, PICTURED WITH PRC-10. OPERATES FROM 24 VOLT SOURCE AND FACILITATES HEADSET OR SPEAKER MONITORING. PRC-8,9 OR 10 PLUGS DIRECTLY INTO TOP. WITH TUBES 2/26E6, 2/12AT7, 26Z5 AND 0C3.
SIZE: 11¼x11½x10¼
WT: 38 LBS. USED $18.95

ACCESSORIES

BATTERY CASE CY-744/PRC.....USED	$3.00
AT-272A GOOSENECK ANTENNA BASE...NEW	$1.50
AT-272 RIBBON ANTENNA SECTION....USED	$1.50
AM-598 SHOCKMOUNT.....USED	$2.00
H-33/PT HANDSET W/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED	$5.95
M-29/U MICROPHONE W/UG-77 PLUG USED	$3.95
CONNECTOR PLUGS F/GRC & VRC	$2.50
CX-1211 CABLE ASSY (DOGBONE) 14 COND.	$4.95
CX-1213 " " " 9 "	

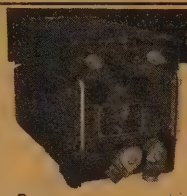
LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3½; 5 LB "U" $8.95

PRC-6 WALKIE-TALKIE

RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULSTRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4. POWER REQ. 1.5, 45, AND 90 VDC, USUALY SUPPLIED BY BA-270 BATTERY (DRY) NOT AVAILABLE.
SIZE: 15x5x4½; WT: 5 LBS. USED $24.95

LS-166/U LOUDSPEAKER; MOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS.
SIZE: 5x5x3½; 5 LBS. USED $8.95

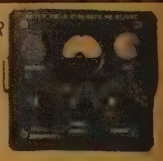
AC POWER SUPPLY



PP-1175A/SR 115 VAC 60 HZ POWER SUPPLY; PROVIDES ALL VOLTAGES OF RT-66, 67 & 68 AND ALSO OF R-108, 109 & 110. TRANSISTORIZED.
SIZE: 9x7½x14 WT: 40 LBS.
PRICE: UNUSED $39.50

POWER CONNECTOR $2.50	AUX-REC CONN. $2.50
CX-1211 CONNECTS TO REC-TRANS.	$4.95

ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1¾" SQUARE METER, PHONE JACK AND ANTENNA.
SIZE: 5x5x4½ WT: 5 LBS.
PRICE: NEW $34.95



RT-70 RECEIVER-TRANSMITTER 47 TO 58.4 MHZ FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF IF MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE.
SIZE: 4¾x13x8 WT: 20 LBS. USED $22.95

AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC.
SIZE: 4¼x13x8 WT: 17 LBS. USED $14.95

PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70.
SIZE: 4½x6x3 WT: 6 LBS. USED $5.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR $35.00

TECH MANUALS WITH SCHEMATICS FOR:

RT-196/PRC-6...$7.50	
PRC-8,9 & 10...$7.50	AM-598.....$3.00
RT-66,67 & 68..$5.00	PP-109 & 112...$5.00
RT-70.....$5.00	AM-65.....$5.00
R-108, 109 & 110.....$7.50	
AN/GRC-3—8, CONTAINS INFO AND SCHEMATICS FOR RT-66,67,68, RT-70, R-108,109,110, AM-65 AND PP-109 & 112.....$8.50	

HIGH BAND • FM — TRANSMITTER — RECEIVERS • LOW BAND

R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1AD4,1/5678,1/VR31-5783 .....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678,1/5672,1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.
POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8¾x5¾x14½; WT: 19 LBS.
PRICES: USED GOOD CONTITION.....$14.95
GOV'T RE-CONDITIONED.... 22.50

R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED $14.95

T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. x 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24,1/3B4,2/5672 4/5678 & 3/1AD4.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8¾x4½x14½; WT: 11 LBS. USED $18.95

CHASSIS CONNECTORS TO FIT R-394,R-257,T-416 T-278,T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L $2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L $2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 $2.50
UG-77 PLUG ON 4½ FOOT CORD.....$1.00
H-33/PT HANDSET ON 4½' CORD WITH UG-77 U 5.95

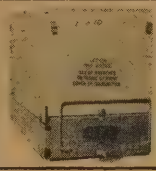
CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAL MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1,500 CPS. WITH TUBES 2/26A6,1/26A7, DIODES 1/1N63,2/1N69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP.
SIZE: 9¼x13¾x7¼; WT: 23 LBS. USED $24.50
CONNECTOR PLUGS FOR INPUT OR OUTPUT $2.50

MD-203/GR MODULATOR FOR TRANSMITTER. PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAGNITUDE, 850,425.212 OR 106 CYCLE SEL. MANUALY FRON FRONT PANEL. DESIGNED FOR USE WITH T-195/GRC 19 TRANS. CAN CAN BE USED WITH ANY TRANSMITT. HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC. AND A MINIMUM OUTPUT OF 1 VOLT. POWER REQ. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7,5/26A6 AND 1/26D6
SIZE: 9¼x7¼x13¾; WT: 25 LBS. PRICE: USED $19.95

R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED $4.95
R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY $4.95
1ST R.F. AMPL. W/TUBES 1/5840,2/1AD4 $3.95
LOCAL OSCILLATOR W/TUBES 2/1AD4,1/5678 1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE) $4.95
2ND I.F AND DISCRIMINATOR W/ TUBES 5678 $3.95
1ST I.F 7.8 MC. W/TUBES 3/5678 & CRYST $4.95
AUDIO & SQUELCH W/TUBES 3/5678,1/5672 AND 1/6AK6 $3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) $2.95

VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE
155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "
PP-867/U 24 VOLTS DC @ 1.1 AMPS USED $4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " 6.95
PP-846/U 115/230 v 60 CYC 2 AMPS " 18.95
PP-804 115/230v. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
RECOND $32.95 USED $27.95
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED $14.95

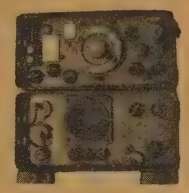
C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9¾x5¾x3½; WT: 6 LBS. USED $8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95



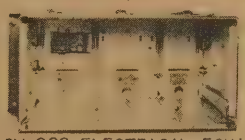
DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8¾x7x14; WT: 27 LBS.
PRICE: USED $9.95

RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1¾" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1AB5,3/1L4,1/1S5,5/3A5,1/1LA3,1/3Q4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4½ VDC.
SIZE: 11¼x5½x13¼; 15 LBS. USED $24.95

AF/URG-60 RECEIVER 100-156 MHZ AM CRYSTAL CONTROL (1) ONE CHAN. AVC, SQUELCH, NOISE LIMITER, WITH TUBES 4/6AK5,4/6SG7,2/6H6,1/6F6, 2/6SJ7 & 1/5Y3GT ALSO PHONE JACK, LINE JACK, VOL. CONT. PILOT LT. SWITCH ETC. RACK MTG. 19x5¼x15¾; SHPG. WT: 50 LBS. POWER REQUIRED, 115 VOLT, 25 TO 60 CY
PRICES: USED $39.50 CHECKED $49.50



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4,3/1R5,3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7,1/1007 & 1/0B2.
SIZE: 13½x8¼x12½; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPARABLE $49.50 CHECKED, $59.50
POWER INPUT PLUG ONLY $2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD $1
MANUAL FOR AN/GRR-5 $7.50



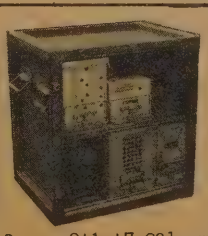
CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17½x11¼x25; WT: 33 LBS.
PRICES: USED $7.95 UNUSED $9.95

T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODUALTION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4,3/2E24,4/5678,2/5672 AND 2/1AD4.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED $18.95
SIZE: 8¾x4½x14½; WT: 12 LBS. UNUSED $24.95
T-278 TRANS. LESS TUBES AND CRYSTAL OVEN $6

CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC., T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.
LENGTH 7 FT. 3 LBS. $10.00

CX-2341 CABLE USED FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON THIS BLE. PRICE: 50¢ PER FOOT.

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2½" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15WX 9½ H x 8½ D.
SIZE: 31⅛ x 20½ x 24½; WT: 150 LBS.
PRICE: RE-NEW $100.00



AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECTION ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.
THE SET CONSISTS OF T-416 TRANSMITT. THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.
SIZE: 21¼x17x20½; WT: 150 LBS. PRICE: USED $100.00
T-416/GR TRANSMITTER ONLY $49.50 CY-1221 CABINET $20

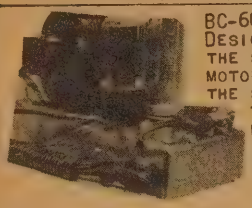
RECEIEVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:

R-23/ARC-5	BC-453	BC-342
R-24/ARC-5	BC-454	BC-344
R-25/ARC-5	BC-455	BC-348
R-26/ARC-5	BC-946	BC-429
R-27/ARC-5	R-108,109,110	

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9¼x6¾x5 WT: 10 LB

PRICES: KIT OF PARTS $20.00 WIRED $23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT $20.00; WIRED $23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT:5LBS.

PRICES: KIT OF PARTS $14.00 WIRED $18.00

PE-110D POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS.

SIZE: 20½x9½x12; WT: 100 LBS. UNUSED $30.00

RA-133 POWER SUPPLY; VOLTAGE REGULAYED FOR BC-221,TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 V. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT.

SIZE:8½x7x4½; WT: 10 LBS. USED $24.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.

SIZE: 10x7x15; WT:

PRICE:$19.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S $2.00

POWER SUPPLY No.7630020VR VOLTAGE REGULATED,OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G,1/VR-105,1/6AK7 & 1/5R4G. WT: 30 LBS.

SIZE:11½x10½x6 $18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT $2.00

TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA.

SIZE:5x4x5; 15 LBS.

5820-805-3930 NEW $22.95

REGULATED P.S. F/TS-147; 115v60cy, OUTPUT 300/210VDC,6.3VAC 1.7A.REQ. TUBES 5R4/6Y6/6SH7 & 2/0C3

SIZE:16x3x8; 10LBS.#PS-147

PRICE:NO TUBES $6 WITH $9

MOTOROLA TA142 CONVERTER KIT; STEPS-DOWN VEHICULAR BATTERY VOLTAGE FOR 6 VDC MOBILE RADIO SETS. INPUT POWER 13.2 VDC @ 28.2 AMPS WITH MAXIMUM LOAD. OUTPUT: 6.4 VDC @ 30 AMPS (MIN.) OR 5.9 VDC @ 50 AMPS (MAX.) SIZE: 7½x10¾x8¼ WT: 23 LBS. WITH SCHEMATIC. PRICE : UNUSED $14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD,PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12/14 VOLT DC @ 3 AMP SIZE:5½x9½x5; WT: 13 LBS. STK.#12/14VDC3A.

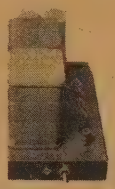
PRICES: KIT OF PARTS $10.00

WIRED $14.95

OUTPUT 12/14 VOLT DC @ 6 AMPS. SIZE: 5½x9½x5; WT: 15 LBS. STK.#12/14VDC6A

PRICES: KIT OF PARTS $14.00

WIRED $18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5½x9½x5; WT: 12 LBS. STK#PS-24VDC4A

COMPLETE WIRED..$17.95

KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLT DC @ 4 AMPS. SIZE: 5½x9½x5; WT: 13 LBS. STK.#12/14VDC4A

PRICES: KIT OF PARTS $12.00

WIRED $16.95

OUTPUT 24/28 VOLTS DC @ 1½ A. SIZE:7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..$10.95

KIT OF PARTS $8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE:7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...$9.95

KIT OF PARTS..... 7.00

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED,OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATO (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE:7¼x7½x7½; WT: 12LBS. $4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x1 WT. 30 LBS.

USED $12.00

RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW $12.95

SIZE:14½x7½x8; 45 LBS.. USED $8.95

RA-74D POWER SUPPLY FOR RECEIVERS BC-779,794,1004, R-270 & R-129U. INPUT 95/105/117/130/190/ 210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA.250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.

RACK PANEL MTG. SIZE:19x10½x10; WT: 100 LBS

PRICE: RE-NEW $24.95

RADIOSONDE

AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGIGICAL BALLON. ALSO USED FOR TRACKING WIND DIREDTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1½ LBS. (613 GRAMS.)

PRICE: TRANS. & MODULATOR LESS BATT. N $7.95

TRANS. ONLY $4.95 MODULATOR ONLY 3.95

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUPUT: 24 VCT. 10 AMPS AC AND 160v. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS.(NOT SHOWN)

SIZE: 19¼x7¼x10½ WT: 45 LBS. $24.95

PP-1243 POWER SUPPLY USED WITH AN/URM-32 FREQ. METER, CAN ALSO BE USED WITH OTHER EQUIPMENT. POWER REQ. 115/230 VOLT 50-450 CYCLES. OUTPUT VOLTAGES 180 VDC @ 20 MA. 6.3 VAC @ 1.1. AMP. WITH 6X4 TUBE

SIZE:12x3¾x7: WT: 8 LBS. USED $24.95

PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75,6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G,1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES,INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL.

SIZE:9½x16x12½; WT: 85 LBS. USED $22.50

PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ .490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER.

SIZE:6½x12x6: WT: 19 LBS.

PRICE: USED LESS SPEAKER & BATTERY $14.95

BB-54 BATTERY 2 VOLT NEW $ 2.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115v. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND OB2. SIZE: 5½x8x12 WT: 30 LBS.

WITH GOV'T SPEAKER $14.95 NO SPEAKER $9.95

" COMMERCIAL " $12.95 CONDITION USED SERVE

PP-691/G POWER SUPPLY USED WITH THE TCC-13 MULTIPLEXER SYSTEM, OUTPUT 250 VDC @ 1.5 A AND 115 VAC @ 5 A. TRANSFORMER HAS 34 VCT WINDING THAT IS NOT USED, METER 2½" 0-150 VOLTS AC, CIRCUIT BREAKERS AND FUSED CIRCUIT RACK PANEL MTG. 19x12x 19; WT: 125 LBS.

PRICE: USED SERVICEABLE EXCELLENT $19.50

AUTO-RACE PACK BY VARNEY Two 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5½ FT. LINE CORD. 5x3¾x2¼ WT: 3 LBS. $2.95

AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C. #KS-5825-L01 SIZE: 19x3x10: WT: 45 LBS.

PRICE: USED $9.95

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3½" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11½x x20; WT: 150 LBS. USED $29.95

CATHODE RAY TUBES SPECIAL TUBES STANDARD

MANY OTHER TUBES IN STOCK. NO COMPLETE LIST AVAILABLE WRITE AND TELL US WHAT YOU ARE LOOKING FOR & QUANTITY SPECIFY 1ST & 2ND CHOICE AS TO USED-PO & NEW-BX-UNUSED

2BP1*	$10.00	5ADP1	$15.00
3AP1	7.50	5ADP7	15.00
3BP1*	10.00	5AWP2	9.95
3GP1	10.00	5BDP7	15.00
3HP7	2.95	5CP1	9.95
3JP1	12.00	5CP7	9.95
3JP2	12.00	5FP7	12.50
3E33P7	20.00	5HP1	9.95
* PULL/OUTS		5LP1	9.95
* OR USED		5UP1	15.00
12DP7	15.00	7ABP7	12.00
12FP7	15.00	7BP7	12.00
12SP7	15.00	7CP1	9.95
16STR4A	16"		10.00
Z4516P11	16"		10.00
19DXPSCI	19"		25.00
21AWP4	21" TV/BW		5.00
Z4535P2/GE7742513P1			
ROUND FLAT FACE	7"		5.00

TUBE SHIELD & 11 PIN SOCKET FOR 3BP1 TYPE TUBE $4.50
SHIELD ONLY $3/ SOCKET $2

TUBE SHIELD FOR 5CP1 TUBE 5½" FACE, 2¼ NECK, 14" LG $4
SOCKET 5CP1 $2/5BP1 $2

$1.00 EA.	$1.50 EA.	$3.00
5651	5654	6080
5687	5963	6360
5751	6099	6939
5814	6112	3B24
6004	2D21	807 NEW
6005	2E24	
6096	6201	RCA-6032
6211	5763	IMAGE TUBE
2050	6159	$10.00 NEW

954	$ .75	3A4	1.50
955	.75	3A5	1.50
957	.75	3B4	1.50
958	.75	3B7/1291	.75
959	1.50	3D6/1299	1.75
1AE4	$1.50	3S4	1.50
801	$1.00	1616	1.00
807 *	2.00	1619	1.00
5933 *	2.50	1624	1.00
808	1.50	1625 USED	.75
811 *	4.00	1625 NEW	1.25
811A *	4.75	1626	1.00
813 *	12.00	1629	1.50
832A	9.00		
838/211	3.50	5672 S.L	.75
2K25BLK	10.00*	5676 S.L	.75
2K25BLUE	12.00*	5678 S.L	.75
4X150D	10.00*	5840 S.L	.75

* ASTERIX PULL-OUTS OR USED

PRICES: USED/PULL-OUTS 75¢
NEW BOXED/UNUSED $1.50

0A2 0A3 0B2 0B3/VR90 0C3/VR105 0D3/VR150 0Z4

1A3 1A5GT 1A6G 1AB5 1AD2 1AD4 1B5 1C5GT 1C6 1C7G 1D5 1E7G 1F4G 1F5G 1G4G 1G6GT 1H5GT 1H6G 1J3 1J5G 1G6G 1K3 1L4 1LC6 1LG5 1LH4 1LN5 1N5GT 1N6G 1P5GT 1R4 1R5 1S4 1S5 1T4 1T5GT 1U4 1U6

6A4 6A6 6AB4 6AB7 6AC5GT 6AC7 6AC10 6AD10 6AE6 6AE7 6AF3 6AF4 6AF5G 6AF6G 6AF9 6AF11 6AG5 6AG7 6AG11 6AG9 6AH4 6AH6 6AJ5 6AJ6 6AK4 6AK5 6AK6 6AL3 6AL5 6AL7GT 6AL11 6AM8 6AN4 6AN5 6AN6 6AQ5 6AQ6 6AQ8 6AR5 6AR6 6AR11 6AS5 6AS6 6AS7G 6AS11 6AT6 6AT8 6AU4GT 6AU6 6AU8 6AV5 6AV6 6AW8 6AX4GT 6AX5T 6AX8 6AY3 6B6G 6B8G 6BA6 6BA8 6BA11 6BC4 6BC5 6BC7 6BC8 6BD5 6BD6 6BD11 6BE3 6BF5 6BF6 6BF7 6BF11 6BG6 6BH6 6BH8 6BH11 6BJ3 6BJ8 6BK4 6BK5 6BK7 6BL4 6BL7 6BL8 6BM8 6BN4 6BN6 6BN11 6BQ6 6BQ7 6BS8 6BU8 6BV11 6BW4 6BW8 6BW11 6BX7T 6BY5 6BY6 6BY8 6BZ6 6BZ7 6BZ8 6C4 6C5 6C7 6C8 6C9 6CB5 6CB6 6CD6 6CE3 6CF6 6CG3 6CG5 6CG7 6CG8 6CH8 6CJ3 6CK4 6CL3 6CL6 6CM6 6CM7 6CN7 6CQ4 6CQ8 6CS6 6CS7 6CU6 6CU8 6CW5 6CX8 6CY5 6CY7 6CZ5 6D4 6D6 6D8G 6DA4 6DA6 6DB5 6DC8 6DE4 6DE6 6DE7 6DG6 6DJ6 6DJ8 6DK6 6DL4 6DM4 6DN6 6DQ4 6DQ5 6DQ6 6DR7 6DS5 6DT5 6DT6 6DT8 6DW4 6DX8 6EA4 6EA5 6EA8 6EJ4 6EM5 6EM7 6ER5

PRICES: USED/PULL-OUTS 75¢
NEW BOXED/UNUSED $1.50

6ES5 6ES8 6ET7 6EU7 6EU8 6EV5 6EW6 6EW7 6EX6 6EY6 6EZ5 6EZ8 6F6 6F7 6F8G 6FA7 6FD7 6FE5 6FG7 6FH5 6FH8 6FJ7 6FM7 6FM8 6FQ5 6FQ7 6FS5 6FV8 6FW5 6FY5 6FY7 6G6G 6GB5 6GC5 6GE5 6GF5 6GF7 6GH8 6GJ5 6GJ7 6GK5 6GK6 6GL7 6GM6 6GM8 6GN8 6GQ7 6GU7 6GV5 6GW6 6GX6 6GX7 6GY5 6GY6 6H6 6HA5 6HB5 6HB6 6HB7 6HE5 6HG8 6HJ8 6HK5 6HL8 6HM5 6HM6 6HS5 6HS8 6HV5 6J4 6J5 6J6 6J10 6JC6 6JC8 6JD6 6JE8 6JE8 6JH6 6JH8 6JK8 6JM6 6JN6 6JN8 6JS6 6JU8 6JW8 6JZ6 6JZ8 6K4 6K5 6K6 6K7 6KA8 6KD6 6KD8 6KE8 6KM6 6KN6 6KR8 6KS6 6KT8 6KU8 6KV8 6KY8 6KZ8 6L5 6L7 6LB8 6LC8 6LE8 6LF8 6LJ8 6LM8 6LN8 6LQ8 6LT8 6LU8 6LY8 6MD8 6ME8 6MG8 6N4 6N6 6N7 6P5 6P7 6R5 6R7 6S4 6SA7 6SD7 6SG7 6SH7 6SJ7 6SK7 6SL7 6SN7 6SQ7 6SR7 6SF7 6SS7 6ST7 6SU7 6SV7 6SZ7 6T4 6T5 6T8 6T10 6U6 6U8 6U10 6V3 6V6G 6V6GT 6V7 6W4 6W5 6W6 6X5 6X8 6Y3 6Y5 6Y6 6Y9 6Z4 6Z5 6Z7

SPECIAL WHILE THEY LAST
6K8G UNUSED $2.50 EACH.

PRICES: USED/PULL-OUTS $1.50
NEW BOXED/UNUSED $2.50
7A5 7A6 7A7 7A8 7B4 7B5 7B6 7B8 7C4 7C5 7C6 7C7 7E5 7E6 7E7 7G7 7G8 7H4 7K7 7L7 7Q7 7R7 7S7 7X6 7X9 7Y4 7Z4 7AD7 7AG7 7HG8 7AU7

USED $1.50 NEW/UNUSED $2.50
9001 9002 9003 9004 9006

PRICES: USED/PULL-OUTS 75¢
NEW BOXED/UNUSED $1.50

12A5 12A6 12A8 12AB5 12AE6 12AE10 12AF3 12AF6 12AH7 12AL5 12AL8 12AL11 12AM8 12AQ5 12AT6 12AT7 12AU6 12AU7 12AV5 12AV6 12AV7 12AW6 12AX3 12AX4 12AX7 12AY7 12AZ7 12B4 12BA6 12BA7 12BD6 12BE3 12BE6 12BF6 12BH7 12BK5 12BL6 12BN6 12BR7 12BV7 12BW4 12BY7 12BZ6 12BZ7 12C8 12CA5 12CN5 12CR6 12CU5 12CU6 12CX6 12D4 12DB5 12DS7 12DT5 12DT7 12DT8 12DU7 12DV8 12DW8 12DY8 12DZ6 12EA6 12EG6 12EK6 12H6 12J5 12J7 12K5 12K7 12K8 12L6 12L8 12Q7 12S8 12SA7 12SC7 12SF5 12SF7 12SG7 12SH7 12SJ7 12SK7 12SL7 12SN7 12SQ7 12SR7 12SW7 12SX7 12U7 12W6 12X3 12X4 1273 12SY7

PRICES: USED/PULL-OUTS $2
NEW BOXED UNUSED $3.00
14A4 14A5 14A7 14B6 14B8 14E6 14F7 14F8 14H7 14J7 14N7 14Q7 14R7 14S7 14W7 26A6 26A7 26C6 26D6 28D7

SPECIFY FIRST/SECOND CHOICE
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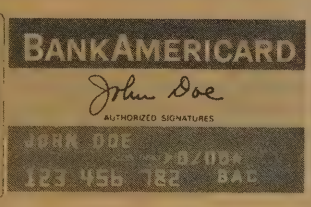
5R4 5T4 5T8 5U4 5U8 5V3 5V4 5W4 5Y3 5Z3 5AR4 5AS4 5AW4

25A6 25A7 25B6 25L6 25W4 25Z5 25Z6 25BQ6 25CD6 25DN6 35B5 35C5 35L6 35Z3/5 35W4 45Z3/5 50A5 50B5 50C5 50C6 50L6 50Y6 70L7 70A7 117Z3/6

25 27 33 34 37 38 39/44 58 69 77 78 81 89(45 SPECIAL) EF-50 E1148 (30 SPECIAL)



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Check		
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LETTERS AND EXPIRATION DATE-BANK NAME

TOTAL FOR GOODS			
STATE TAX (Ohio)			
For Postage and Insurance			
Due from Previous Order			
TOTAL			

RELAYS

MHX-4064 26.5 VDC 4PDT 250 OHM 5 A. 1½x1¼ $1.00

MHX-125 48 VDC 4PDT 3700 OHM 1¼x1¼ 2 A. 60¢

3500055 24 VDC 6PDT 240 OHMS 5 A. 1½x1 $1.00

MHX-2032 26.5 VDC 2PDT 325 OHM 2 A. 1½x5/8 $.75

5945-583-8378 26.5 VDC 1½x1 6PDT 225 OHM PLUG-IN N$1.50

AGASTAT TIME DELAY SF-22HS, DPDT 28 VDC COIL, 0.3 SEC. ADJUSTABLE. SIZE 2x3½x2 PRICE: NEW $3.95

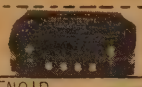
WESTERN ELECTRIC POLAR RELAY D163119A (255A) SIZE: 6x2⅝x2⅝ WT. 4 LBS. PRICE: $2.50

BK-22A RELAY CONTROL FOR RADIO COMPASS CONTROL BOX RATCHET MOTOR ASSY. THAT OPERATES 10 P.D.T. CONTACT ASSY MOUNTED TO BARRIER TERMINAL STRIP, (MAKE 10, BREAK 10) ALSO S.P.S.T. RELAY AND 5 12 TERMINAL BARRIES STRIP OPERATES FROM 18 TO 30 V.D. SIZE: 12x2½x6; WT. 8 LBS. PRICE: USED $2.95

PLATE RELAYS

CLARE#	OHMS	CONTACTS REG.	CONTACTS OPEN	CONTACTS CLOSED	CURRENT OPERATE	CURRENT RELEASE
A-102627	3500	4PDT	2PST	-----	11 MA	3 MA
A-211261	5000	SPDT	4PST	2PST	12 MA	4 MA
C-211261	6000	SPDT	4PST	2PST	10 MA	5 MA

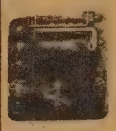
ALL THE SAME SIZE 1x1½x1½..PRICE: $1.00 EACH



LEACH RELAY NO. 9059, 5 AMP. TPDT NORMALLY OPEN, 24-28 VDC. SIZE; 5x2x2½; WT: 4 OZ. $.75

SELENOID SHORTING RELAY 40 VDC 2x3" INSULATOR, STEEL SHORTING BAR 4½", 1⅛" DRAW AT END, ½" AT SEL. SIZE: 9½x3½x7½; 10 LBS. #7829 $3.95

RELAY, THERMAL TYPE SPST NORMALLY CLOSED, CONTACTS 2 AMPS. HEATER 6.9 DC, 10 SEC. OPENING TIME. TUBE TYPE PLUG-IN OCTAL SOCKET. STK# 2Z7598-129 $.39 EA. 3 FOR $1



KURMAN SENSITIVE RELAY, SPDT CONT 6-12 VDC @ 6 MA. RES. 1000 OHMS. N22003Y $.75 2⅝x2½x1½

SENSITIVE RELAY BX-14 DPST 1 NORM. OPEN 1 NORM CLOSED 48 VDC 1 A. OPERATING VOLTAGE 2.9 V 750 OHMS D.C 2⅝x2¼x1¼; 2Z7588-23 $.75

TYPE AS BK35, SPDT 6-12 VDC 1500 OHMS, CONTACT ADJUST. 2⅝x2¼x2¼. #RM39-1901 $.75

SMALL RADIOSONDE RELAYS 6V 400 OR 500 OHM SPDT ¾SQ $1

MERCURY RELAY, DURA KOOL #BEV-106, COIL 24 VDC .1 A. CONTAC 120 D.C 6 A. NORMAL OPEN, 1.3 SEC. OPERATE. SECONDS RELEAS 0, MTG. SIZE 4½x2½ S.P.S.T. PRICE: $1.95

HEDIN RELAY #100-BH S.P.D.T. 5 AMP. CONT. 4 OHM COIL. $1.50

RELAY, OCTAL PLUG IN TYPE, 115 VOLT 60 CYCLE, D.P.D.T 20 AMP. CONTACTS. 1½x1½x2½ #BOHRX-20 $2.95

AN-ART-13 RELAY K-2701 DPDT; 12 AMP 28 VDC COIL. 115 OHMS RES. 3x2x1¾ 4oz. PRICE: USED $1.95

TCS RELAY SAME STYLE AS ABOVE USED IN POWER SUPPLY 12 VOLT D.C RES. 67 OHMS. DPDT- SPST NORM OPEN. LEACH#1077 RE-MOVED $2.00

DYNAMOTOR STARTING SELENOID TYPE RELAY 12 V DC OPER. 20 AMP DC CONTACTS. SIZE: 3x2x2; 1 LB FRANZ-12 USED$1

7S-22-H5 24 VDC 75 MA. 24 POLE, SINGLE THROW NORMALLY OPEN. 5x1½x4 WT: 3LBS. #7S-22-H5 $2.95

RELAY 1PDT & 1PST, CONT. 28VDC 1A. MAX. PICK UP .9MA, DROP-OUT. 1MA. 16000 OHMS OCTAL BASE. SIG#80110- $2.95

SPDT, SINGLE BREAK, 28 VDC 1 A. CONT. 800 OHMS DC COIL, 3MA PICK-UP, 1.5 MA HOLD, .75MA. MIN. OCTAL BAS SIG#77912 $2.95

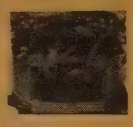
ADVANCE SEALED RELAY 3 STUD MOUNTING, SOLDER TERMINALS. SIZE: 1¼x2x1½; 2 OZ. PT#420-68-0211; 4PDT, 26.5 VDC, RES. 325 OHMS, 2 AMP. CONT. $1.50

PT#8797-1 26.5 VDC, 2 AMP. CONT. 200 OHMS, 3PST NORM. CLOSE, 1PST NORM. OPEN $1.50

PT#420-68-5530; 26.5 VDC, 2 AMP. CONT 425 OHMS, 3PDT SPEC. #B8788-1 $1.25

OVERLOAD RELAY SC-1 .175-.700 DCA#818-1 .5-2 A.AC/DC #6943A CHOICE SPECIFY $5

A.C. VOLTAGE ADJUST. 55-120 60 CYC. WEST. SV-1878204 $2.95



ROTARY RELAYS

#75-1 28 VDC, TAPPED, 2BREAK, 1 MAKE/3 BREAK, 1 MAKE. RE-MOVED $1.50

#75-2 BREAK-1/MAKE-2 BREAK-2

#75-2 28 VDC, TAPPED, 1 BREAK /2 BREAK 2 MAKE RE-M $1.50

#77-1 28 VDC, TAPPED, 3MAKE/ 1 BREAK RE-MOVED$1.50

#76-3 28 VDC, TAPPED, NO WAFERS. NEW $1.25

CONTACTOR SELENOID 24VDC 1/4" DRAW/RELEASE $1.50

SELENOID RELAY STARTING TYPE 12 VOLTS DC DYNAMOTOR STARTING, 20 AMP. CONTACTS. TCS-401N78 .....$1.50

SAME AS ABOVE 28 VOLTS D.C. 100AMP. CONT. ART-13K2703 $2.

ROWAN CONTROL CONTACTOR OUTPUT 110/120 50/60 CY COIL

VOLTS	1 PH	3 PH
110	2 HP	5 HP
220	5 HP	10 HP
440/550		15 HP

40 AMPS. MAX. 20-600 VOLTS CAT.B430 10 C LE #6115-961-8328 NEW $6.95

CONTACTOR ALLEN BRADLEY, COIL 110 VOLT 60 CYCLE, 110 60 CYCLE, 25 AMP CONTACTS, 1 PHASE 3 WIRE. 5½x3x3. AB#556-322/702 RE-MOVED $7.95

PLEASE DO NOT USE	CATALOG STOCK No.	Page No.	Quantity	Shipped	✓	DESCRIPTION	Price Each	Total Price Add This Column	Do Not Use
							TOTAL FOR GOODS		

ROTARY SELENOID RELAY 4 WAFER 6 POLE 5 POSITI 48 VDC 3½x1½x1¼.5945-710-4536 $4.

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1¾x1½x3¾ 3380-557180-7435 $1.00

6PST 50 VDC ½ A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4¾x1x1¾; 4C8400-26 $1.00

1PDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200OHM 4x2¼x1½; 4C7737-62 $1.00

RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT,6PST-NO 1PST-NC#5945-259-4275 $1.

RELAY 150 VDC 150 MA. 1000 OHM COIL, CONTACTS 6PDT & 4PST-NO POTTER & BRUMFIELD 82-92-1005 BS-2202 $1.00

115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1½x1¾x2¼. ALLIED LAC-3A #5945-225-8616 NEW $4.95

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OF PLUG-IN. SORRY NO CHOICE.

1PDT	CWS571981	USED	.35
1PDT	#5703-34	"	.40
2PDT	#5709-7H	"	.45
3PDT	#56467	"	.50
4PDT	#54428	"	.55
6PST	#56469	"	.60

POTTER & BRUMFIELD 12 PIN PLUG-IN PLASTIC COVERED 12 VAC 2PST, SIZE 1¾x2½x2¼ #82-70-5130 75¢

12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3¾x1½; # SW-182 USED 50¢

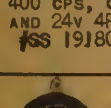
RELAY 6v D 1¼x1½x1 41F 500S-SIL $ .50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1¾x1½x1 #R13P-3189 $1.50

FIVE ASSORTED RELAYS $1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6,12 24 OR 48 VOLTS. $1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120v 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115v 400 CPS, CONT. 2A-29VDC AND 24v 4PDT RELAY. 5LBS. #SS 19180 $2.95



WESTON SENSITROL RELAYS MODELS 723 AND 705; 3½" ROUND. USED $4.95 EACH SPECIFY:

RANGE	MODEL
80% TO 120% VOLTS DC	723
90% TO 110% VDC	723
95% TO 105% VDC	723
110% TO 100% VOLTS AC	705
100% TO 90% VAC	705
.9 TO 1.1 MILLIAMPS	723

SILICON RECTIFIER

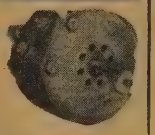
POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)		
50-200 PIV	$	.10
200-400 "		.15
400-600 "		.25
600-800 "		.35
800- "		.45
1000 "		.55
5 AMP (STUD)		
200-400 PIV		.50
400-600 "		.60
700 "		1.00
800 "		1.20
1000 "		1.75
IN1347 6 AMP. 500 PVI (GOLD)		1.50
35 AMP (STUD)		
50 V	$	.75
100 V		1.00
200 V		1.60
300 V		2.00
400 V		2.25
500 V		2.50
600 V		3.00
900 V		4.00

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2¾ MTG. HOLES, W/KNOB 2 LBS. $2.50 MATCHING PLUG$1

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS



STK#	WATTS	OHMS	PRICE:
24609	25	5	$ .50
750KK	25	75	.50
1352 (DUAL)	25	100	.50
501KK	25	500	.50
41132	50	7.5	.75
50-12 SCREW	50 ADJ	12	.75
2954	50	15	.75
15822	50	17	.75
5895 (DUAL)	50	20	1.50
B50-30 "	50	30	1.50
3124	50	35	.75
32229	50	60	.75
0066 W/SW	50	100	1.00
2533	50	150	.75
251KK	50	250	.75
RP3013A3	100	32	1.00
1-199	150	2500	2.95
6938	150	3	2.95
5ROKK	150	5	2.95
W1525	150	25	2.95
5370	150	3	2.95
D-150	150	350	2.95
5638	150	750	2.95
3301	300	300	4.95
RP-351	300	500	4.95

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICTOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE:5x4x2; WT: 3 LBS. TYPE C-IC UNUSED $2.95

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBORD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/1DIA CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW SIZE:6x4x3½: 4 LB. $3.95

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. $1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER $3.50

CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR $1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #2518 1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. $1.95 MOTOROLA#2518 1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS$2.50

CRYSTAL DIODES 1N-21C 1N-32 $1.00 EACH 6 FOR $5.00

CRYSTAL HOLDERS WITH CRYSTAL NO CHOICE OF FREQUENCY CR-1A/FT-171/FT-249/FT-234/ NAVY 40130B/40068/CR-26 PRICE: 59¢ EA. 2 FOR $1.00

CIRCUIT BREAKER

AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC

8751K4	10	"	.50
AN-3160	15	"	.75
AN-3160	20	"	.75

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
AN-3161	35	.75
AN-3161	50	.75

3H900-35-6 14.6 VDC 35 AMPS SIZE 3¾x2¾x1 1.50

850-0980 28 VDC 15 AMP SIZE 3¾x2¾x1 $1.00

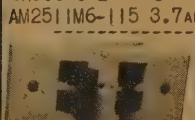
HEINEMANN 1-132 24 VDC 2 AMP. 3¾x2¾x1 $1.00

115 V. 60 CYC SIZE 2½x2½x¾ CAT#AM12HK 1.5 AMP $1.00

" AM12RSK 20.0 " 1.00

115 V. 60 CYC SIZE 3¾x1x2¾

3H900-1.5.1	1 AMP	$1.00
3H900-1.25	1¼ "	1.00
3H900-3-2	3 "	1.00
AM251IM6-115 3.7AMP		$1.00



SQUARE"D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN" OR CAN BE MODIFIED FOR DIECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4½x2x2½; WT: 8 OZ. CAT# M0482222 PRICE: $1.95

MANUALS

$3.00 EACH	$5.00 EACH
BC-191	BC-312-BC-342
BC-375	BC-603-BC-604
PP-867-868	BC-652-BC-653
869	BC-683-BC-684
PP-281-282	BC-659
494	BC-1000
PP-846	BC-1335
TCS-12 $12	PP-804
	PP-109-112
$7.50 EACH	PE-75
	PRS-3
BC-669/110	1-49
BC-1306/237	1-72G-H-1-K
PP-351	1-129B
PP-638	1-208
PE-95	TS-352
R-48/T-30	BC-221AH ONLY
T-14/R-19	HALLICRAFTERS
TS-175	S-20R SX-28
BC-221/211	NATIONAL
BC-610	NC-100 HRO
BC-779	HALLICRAF S36

EE-94 & 95 CONTAINS TG-34 RD-60-V0-3-BD-114 ETC$7.50

FGC-20 & 21 CONTAINS TT-98 TT-99-TT-100 & PP-978 $10

MOTOROLA FST-250,FMR-13, FMT-25A,P-8028,FMT-30 $7.50

ARN-6 REVISED SOME PAGES MISSING, WITH ALL SCHEMATICS, R-101 & ASSOC. EQ. $5

SCHEMATICS $1.00 EACH

"BC"SERIES 923/924/603/604/652/653/624/625/224/348/659/620/645/669/733/745/778/779/683/684/929/1206/1306/1016/

"R" SERIES 48/77/122/320/28/316/257/394/105 T-23/T-67/RT-91/RT-58/RT-7/

SCR-625/PE-237/PE-110/TBY/RAX-1,2 OR 3/ARB/FMR-13/ARR-2/TCS-REC OR TRANS/ART-13/MN-26/

COMMAND SERIES 274 OR ARC5

OTHER MANUALS & SCHEMATICS AVAILABLE, TELL US YOUR REQ

ARRL BOOKS

HOW TO BECOME A RADIO AMATEUR	$1.00
COURSE IN RADIO FUNDAMENTALS	$2.00
LEARNING THE RADIO RADIOTELEGRAPH	$ .50
AMATEUR'S LICENSE MANUAL	$1.00
OPERATING AN AMATEUR RADIO STATION	$ .25
UNDERSTANDING AMATEUR RADIO	$2.50
AMATEUR'S V.H.F. MANUAL	$2.50
FM AND REPEATERS FOR THE AMATEUR	$3.00
RADIO AMATEUR'S 75 HANDBOOK	$5.50
SINGLE SIDEBAND	$3.00
HINTS AND KINKS	$1.00
ARRL ANTENNA BOOK	$2.50

SURPLUS BOOKS

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1	$3.50
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 3	$3.50
SURPLUS CONVERSION HANDBOOK INCL. COMMAND SETS CQ	$4.50
THE SURPLUS HANDBOOK	$3.50
VOL. 1 RECEIVERS-TRANSMITTE	
CQ ANTHOLOGY II 52-59	$3.00
RTTY FROM A TO Z	$5.00
NEW RTTY HANDBOOK	$3.95

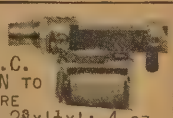
FOR LIST OF CONTENTS FOR THE ABOVE BOOKS SEND $.25

MANUALS

ABBREVIATIONS: H.M.I. HANDBOOK OF MAINTANANCE INSTRUCTIONS/O.I. OPERATING INSTRUCTIONS/N.S. NO SCHEMATICS/ I.B. INSTRUCTION BOOK/ W.S. WITH SCHEMATICS.

ARC-27/ARC-55	O.I./N.S	$3.00
ARC-44	I.B./W.S.	$10.00
ARC-60	I.B./W.S.	8.50
ARN-12	I.B./W.S.	5.00
ARN-30	O.I./N.S.	3.00
ARN-59	O.I/N.S.	3.00
ART-13 REPRODUCTION WITH SCHEMATICS & OPERATING TRANS. & ASSOC. EQ.		
FRR-36 w/R-394/PP-846	I.B./W.S	8.50
GRC-3-8	I.B/W.S.	8.50
GRC-9	I.B./W.S.	8.50
GRC-19	I.B./W.S.	8.50
GRC-26	I.B./W.S.	8.50
GRR-5	I.B./W.S.	7.50
PRC-6	I.B./W.S.	7.50
PRC-8-9-10	I.B./W.S.	7.50
VRC-19 w/R-394/T-278/DY-93 98-100/PP-867-8-9	I.B/W.S.	8.50
RT-67-68-69	I.B./W.S	$5.00
RT-70	I.B./W.S	5.00
R-108-109-110	" "	7.50
R-274	I.B./W.S.	10.00
R-390	I.B./W.S.	12.00
R-392	I.B./W.S.	10.00
R-394	I.B./W.S.	7.50
R-140	I.B./W.S.	7.50
R-257	I.B./W.S.	7.50
T-278	I.B./W.S.	7.50
T-368	I.B./W.S.	8.50
T-208-417	I.B./W.S.	8.50
DY-93-98-100	" "	3.00
ARC TYPE 12 RADIO SET COVERS R-10-11-15-19 T-11-13 & ACCESSORIES SIMILAR R-508-509-R-22 AND OTHERS. H.M1I/W.S.		8.50
GV-431/R-508	ARC-60	8.50
R-13B/B-10A	ARN-30	8.50

R-520 RECEIVER	$ 8.50
R-220 RECEIVER	8.50
SPN-11 RADAR SET	8.50
TPS-1 RADAR SET	15.00
TV-7/U TUBE CHECKER	7.50
TG-34 KEYER	7.50
FR-5/URM-80 TEST SET	8.50
TS-172 TEST SET	8.50
TS-148/UPM-33 " "	8.50
AN/URC-14 RADIO SET	7.50
GRC -10 " "	8.50
CV-278 OPERATORS MAN.	5.00
GSA- 7 " "	5.00
ME-26 MULTIMETER	8.50
GRC-39/40/87 OPERATORS MANUAL	8.50



ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2¾x1½x1; 4 OZ. #3380-511125-1125 $2.95

ARC-12 ANTENNA CHANGEOVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. $2.75 UG-21 ANTENNA CONN. $.75

ANTENNA CHANGE-OVER RELAY, 6 -24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE:3x2x1; ½ LB. PRICE: WITH 2/UG-88 $1.25 LESS " " " .75

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG.MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE ¾x3 $2.95

ART-13 TRANSMITTER

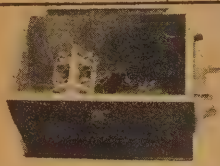
100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80 40,20AND10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCEY DESIRED ON ON ANY 10 PRESELECTED CHANNELS.(FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 $3.50 EA. TUBE LINEUP1/837,1/813,2/1625,1/12SJ7,2/6V6, 2/811,2/12SL7,1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP,400VDC,225MA & 1250VDC 250MA.
SIZE: 23½x16x11½ WT.70LBS
PRICE: USED WITH TUBES $39.50
CONNECTOR PLUGS FOR TRANS.U/7 & U/8 $2.50 EA.
DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED $12.95
NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH $2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED $1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5½x5½x9; WT4LBS.

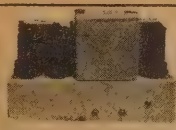
PRICE: USED $7.50 UNUSED $9.95



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G,24VDC,2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE:11x7x7 WT10LBS
PRICE: NEW $4.95

VARIOMETER COIL FOR ART-13 No. L112 ROTOR AND STATOR COILS WITH GEARED COUPLING. 4½x5x3; 2LB. USED $3.95

RELAY OUTPUT CIRCUIT SELECTOR F/ART-13 No. K105 1PDT,1PNO & 1PNC,MYCALEX INS. 18-32 VDC. 6x2x3; 2LB.USED $2



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE:7x4x3¼,WT:4LBS,USED STK#2C254 PRICE $5.95

ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDEMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL.
SIZE: 6x5x3; WT: 4 LBS. RE-MOVED $9.95

ART-13 KEYING RELAY & VACUUM SWITCH; THREE S.P.S.T., CONTACTS NORMALLY OPEN; ONE S.P.S.T., CONTACTS NORMALLY CLOSED; TWO S.P.D.T. AND ONE S.P.D.T. VACUUM SWITCH COIL VOLTAGE 28 VDC RESISTANCE 2 COILS 27 OHMS IN SERIES, CONTACTS RATED 28 VOLTS 8 AMPS. CONT. NON-INDUCTIVE LOAD WITH VACUUM SWITCH. SIZE: 3x4x5; 2 LBS. #K-102/S-116 STK.#2Z7595-7 RE-MOVED $9.95
S-116 VACUUM SWITCH ONLY $2.00

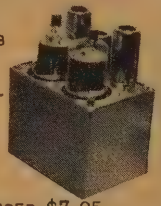
OSCILLATOR UNIT

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 KC,CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULA SELECTED FROM THIS UNIT, 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64"DIA PINS SPACED ½" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE5½x5½x9. USED $9.95 CONNECTORS $1EA 2REQ.

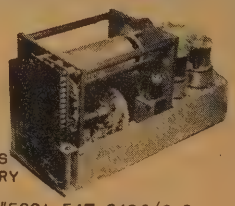
COLLINS 618S-1 TRANSCEIVER 2 TO 25 MHZ, AM AND CW. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOLDER. SAME CRYSTAL USED FOR RECEIVER AND TRANSMITTER. CROSSBAND OPERATION POSSIBLE BY CHANGING FREQUENCY SELECTOR PLUG-IN MODULES ARE USED IN BOTH THE REC. AND TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND OA2. ALSO 8/1N98 AND ONE 1N458 GERMANIUM CRYSTALS. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR AND 115 VOLT 400 HZ. HOWEVER, 60 HZ OPERATION IS POSSIBLE WITH 600 VDC, 250VDC, -50 VDC, -65 VDC AND 6.3 VAC 115 V. 400 HZ FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL.
SIZE: 15½x8x23½ WT: 60 LBS. PRICE: USED $65.

TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER,1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749,4/5750 & 2/5686. TUNNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE:8x7x6½; WT: 10 LBS.#5821-547-5718/618S-
PRICE: USED $14.95

MODULATOR FOR COLLINS 618S-1 AUDIO DRIVE AND MODULATOR USES 2/6159,1/5751,1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4&5 2000 OHM 3000 V RMS 6&7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY.
SIZE:4½x3x6: WT: 4 LBS.
#5821-505-3599/618S-1 PRICE: USED $7.95



POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC, COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC.
SIZE:11x5x6; WT: 10 LBS#5821-547-3496/618S-1
PRICE: LESS TUBES $14.95 WITH TUBES $18.50
SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH $1.00
MATING CONNECTORS " " " EACH $1.50

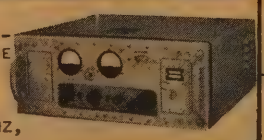


AUTO ALARM RECEIVER

AUTO ALARM RECEIVER AR-8600X FOR 500 KC DISTRESS FREQUENCY. THE INTERNATIONAL AUTO ALARM SIGNAL CONSISTS OF A SERIES OF DASHES FOUR SECONDS IN LENGTH, SEPARATED BY SPACES HAVING A DURATION OF ONE SECOND. WHEN THE CORRECT SIGNAL IS RECEIVED IT WILL ACTUATE THE WARNING BELL. THIS RECEIVER-SELECTOR WAS DESIGNED FOR SHIPBOARD USE AND REQUIRES 115 VDC 1.5 AMPS. FOR THE PLATE, SCREEN.FILAMENT VOLTAGE-ALSO 6 VDC FOR THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES 2/6K7,1/6H6,1/6A8 & 5/1611.W/ALARM BELL
SIZE:26x14x11; SHPG. WT: 100 LBS.MANUAL$7.50
PRICES; SERVICEABLE; USED$50.00 UNUSED $75.00

RECEIVER 225 TO 400 MHZ

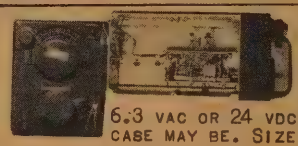
AN/URR-35 RECEIVER, 225 TO 400 MHZ CONTINUOUSLY TUNEABLE ON ONE BAND. RECEIVES AM VOICE, CW OR TONE. DUAL CONVERSION TYPE WITH FIRST IF 18.6 MHZ, SECOND IF 1.775 MHZ. PROVISIONS FOR PAN-ADAPTOR WITH 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MW INTO 600 OHMS OR 600 MW INTO 60 OHMS. SUITABLE FOR BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8½x17½x19½ WT: 65 LBS.
PRICE: USED, REPARABLE $75.00 CHECKED $95.



APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR,HET. SW.,RANGE SELECTOR,SWEEP CONTROL & TUNING KNOB. METER 2½" FOR TUNING. ORIGINALY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FO FOR 115 VOLT 60 CYCLE.ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED
SIZE: 8x10½x12½; WT: REC. ONLY 33 LBS. TU.20LB
PRICE; REC. ONLY $95.00

ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.



CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE:9x7x15; 25 LBS.AV

TN-16/APR-4 TUNING UNIT	38-95	MC	$30.00
TN-17 " " "	74-320	"	40.00
TN-18 " " "	300-1000	"	45.00
TN-19 " " "	975-2200	"	40.00
TN-1/APR-1 " "	38-95	"	25.00
TN-2/APR-1 " "	76-300	"	30.00

POWER PLUG FOR REC. $1.50 SHOCKMOUNT $2.50

RECEIVERS 150 TO 600 MHZ

R-417/TRC FM RECEIVER, 50 TO 600 MHZ POSSIBLE WITH THE USE OF THE APPROPRIATE AMPLIFIER-CONVERTER PLUG-INS LISTED BELOW. BASE-BAND FREQUENCY 250 TO 68,000 HZ; INTERMEDIATE FREQUENCY 30 MHZ. AUTOMATIC FREQUENCY CONTROL; AUTOMATIC OR MANUAL GAIN CONTROL. INPUT IMPEDANCE 52 OHMS; OUTPUT IMPED: 600 OR 135 OHMS (BALANCE TO GROUND). WITH TUBES: 10/5654, 10/5670, 5751, 5726, 6AV6, AND 6AN5. PROVISION FOR BAND-PASS FILTER (NOT AVAILABLE) ON FRONT. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 18x14x14 WT: 75 LBS.
PRICE: USED, NOT CHECKED-COMPLETE, LESS PLUG-IN UNITS $95.00

AMPLIFIER-CONVERTERS PLUG-IN UNITS USED WITH R-417 RECEIVER. OUTPUT IS TO 30 MHZ. CONTINUOUS TUNING OF R.F. AND OSCILLATOR. USED, COMPLETE.
SIZE: 7½x6½x9½ WT: 10 LBS.

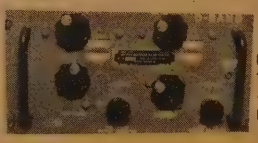
AM-1179 50-100 MHZ, 5654, 5670, 6J4	$39.50
AM-914 225-400 MHZ, 4/6J4, 5670	34.95
AM-1177 400-600 MHZ 2/5768, 6AF4,6AN4	44.50

BAND PASS FILTER PLUG-INS DESIGNED FOR USE IN THE R-417/TRC RECEIVER. EACH FIT INTO THE RECEIVER'S FRONT AND COVER A SPECIFIC FREQUENCY RANGE. PLEASE INDICATE TYPE # AND FREQ. WHEN ORDERING. WT: 5 LBS.

PRICE RE-NEW $9.95

F-194	142-163 MHZ	F-239/U	58.5-67 MHZ
F-197/U	205-226 MHZ	F-240/U	67-76 MHZ
F-199/U	224-254 MHZ	F-241/U	75-84 MHZ
F-195	163-184 MHZ	F-242/U	84-92.5 MHZ
F-238/U	50-58.5 MHZ		

WRITE ABOUT OTHERS



AMPLIFIER-MULTIPLIERS USED AS PLUG-IN UNITS FOR THE T-302 TRANSMITTER, COMPANION TO THE R-417. UNITS COVER FREQUENCIES FM FROM 50 TO 600 MHZ, 120 WATTS. 12x6x14 40 LBS. USED-COMPLETE

AM-1180/GRC 50-100 MHZ, 4X150A TUBE	$49.50
AM-915/TRC 225-400 MHZ, 2/4X150A	49.95
AM-1178/GRC 400-600 MHZ, 2/4X150A	54.50

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SQ7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8¾x19; WT: 30 LBS. PRICE: RE-COND. $24.95

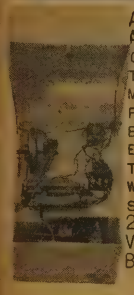
AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS., GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES
POWER REQUIRED 115 VOLT 50/60 CYCLE.
SIZE:7x12x14; (NO COVER WITH UNIT) WT: 23 LBS
PRICES: USED SERVICEABLE $8.95 TWO FOR $15.00

AM-489/TP ELECTRONIC CONTROL AMPLIFIER FOR SERVO SYSTEMS. USED TO AMPLIFY THE ERROR VOLTAGE IN SYNCHRO CONTROL SYSTEMS, AMPLIFIED ERROR VOLTAGE IS THEN USED TO CONTROL THE ASSOCIATED SERVO MOTOR. P/O RD-54 RECORDER POWER REQ. 115 V. 60 CYCLE. WITH TUBES 1/5Y3GT,2/6V6GT,2/6SL7GT,1/6SN7GT. (NO COVER)
SIZE:10x11x19; WT: 25 LBS.PRICE:USED, $14.95

AMPLIFIERS

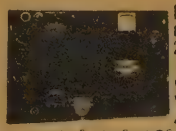
AM-142/AIC AMPLIFIER	USED	$3.95
AM-26 /AIC AMPLIFIER	USED	4.95
NAVY /TCS AMPLIFIER	UNUSED	7.95
MD-2 SERVO AMPLIFIERS VARIOUS NO. USED		2.95
EE-89 TELEPHONE REPEATER AMPLIFIER		4.95
GSC-T1 CODE TRAINING KEY AMPLIFIER SET		$16.95
TAPE PULLERS FOR CODE TAPES MX No.		$14.95
J-45 TELEGRAPH KEY W/LEG BAND J-37 KEY		$ 5.00
BC1323 AUDIO AMPLIFIER 3 CHANNEL		$ 6.95
IC/VRW-7 WIRE RECORDER (NO AMPLIFIER)		$ 9.95
C-974/FRR-33 SELECTOR CONTROL F/R-390		$24.95
C-975/URR RECEIVER CONTROL F/R-390		$24.95
TG-30 TELEGRAPH REPEATER OR TG-31		$24.95
AIRSPEED INDICATOR ID-168B/APA-44		$ 9.95

RADIOSONDE



AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4½x6x6½ WT: 1½ LB.
PRICE: $5.00

T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL-BATTERIES (SOLD SEPARATE). SIZE: 6½x5x2¾ WT: 2 LBS. $1.50
BB-208 DRY CELL BATTERY SET WT: 1 LB. $.59



NAVY TCS TRANSMITTER 1.5-12 MHZ A.M. 3 BANDS, 40 WATTS CW 20 WATTS PHONE, VFO,4 CRYSTAL CONTROL PRE-SELECTED CHANNELS WITH TUBES 3/12A6 & 4/1625. VOLTAGES REQ. 12 VDC & 400 TO 440 VDC @ 200 MA.
SIZE:11¾x11¾x13¾; WT: 41LBS.
PRICES: USED REPARABLE $34.50 CHECKED $44.50

NAVY TCS RECEIVER 1.5 TO 12 MHZ. A.M. IN 3 BANDS, CRYSTAL CONTROL ON 4 PRESET FREQ. IN THE FREQ. RANGE. CONTINUOUS TUNING OVER THE ENTIRE FREQ. RANGE.AUDIO OUTPUT 1.5 INTO A 500 OHM LOAD.WITH TUBES 3/12SK7,1/12SA7,1/12SQ7,2/12A6.(VOLTAGES REQ. 12VDC/220VDC100MA
SIZE: 11¾x11¾x13¾; 37 LBS.
PRICES:USED REPARABLE $44.95 CHECKED $54.95

TCS ACCESSORIES

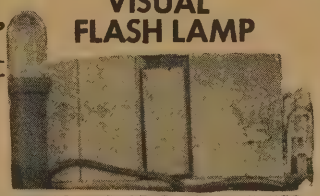
REMOTE CONTROL BOX WITH SPEAKER	USED	$ 9.95
TRANS. ANT. LOADING UNIT	USED	14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V		14.95
REC. TO P.S. CABLE		2.75
TRANS. TO P.S. CABLE		2.75
CONTROL BOX TO P.S. CABLE		4.95
CONNECTOR PLUGS FOR ANY OF UNITS,EACH		2.00
MOUNTING BASE W/ SHOCK MOUNTS		4.75
SHOCK MOUNTS ONLY	EACH	.75
NOISE LIMITER CONVERSION KIT F/REC		3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS.		40.00
REC. ONLY W/SPEAKER $25. REC.& TRANS.		55.00

FOR MORE INFORMATION PLEASE WRITE

RECEIVERS & TRANSMITTERS

LINK REC-TRANS.#5FRX 30-40 MHZ FM	U.	$29.50
LINK RECEIVER #1905 152-172 MHZ FM	U.	$24.95
LINK RECEIVER #11UFED6 30-50 " "	U.	$24.95
LINK RECEIVER # BC-499 20-28 " "	N.	$18.95
R-127 REC. 2 CHANNEL 162-174 " "	U.	$14.95
R-114 REC. 190-510KHZ/1.7-8.7" AM	N.	$24.95
MAB NAVY REC-TRANS. 2.3-4.5 MMZ AM	U	$ 9.95
DAV " " " 2.3-4.5 " "	U	$12.95
T-193 TRANS. 30-40 MHZ FM 40 WATT	UN	$14.95
BUDELMAN 142BW RECEIVER 840-940 MHZ		$100.00
R-89/ARN-5 RECEIVER GLIDE PATH 332-335		$ 9.95
R-430/ARN-5 " " " " "		$12.95
R-122/ARN-12 " 75 MHZ		$ 9.95
R-65/APN-9 LORAN RECEIVER		$65.00
R-322/ARN-18 RECEIVER		$24.95
ARR-46 RECEIVER 24 TO 51.9 MHZ.		$65.00
COMCO MODEL 278 TRANS.-REC. 275 MHZ		$30.00
RT-91/ARC-2 TRANS.-REC. 2-9.5 MHZ.		$50.00
T-95/CRT-2 ROCKET TRANS. 1330-1850 KHZ		$24.95
T-30/TRC-8 TRANSMITTER 230-250 MHZ		$25.00
TA-18BB TRANS. 118-135.9 MHZ A.M.		$59.50

VISUAL FLASH LAMP



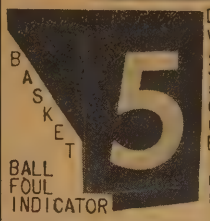
IDENTIFICATION FLASH EQUIPMENT, USED BY GROUND FORCES TO SIGNAL POSITION TO AIRCRAFT OR OTHER GROUND UNITS, BY A EXTREMLY BRIGHT FLASH OF LIGHT THAT CAN FROM THE AIR BY APPROX. 3 MILES AND GROUND,DEPENDING ON TERRAIN 1 MILE OR MORE. POWER REQ. 12/24 VOLTS D.C. UNIT COMES WITH 2/12X3 TUBES,SYLVANIA FLASH LAMP 1073,WITH HOLDER & 20 FT. CABLE & 15 FT. BATTERY CABLE ETC. FLASH RATE 1 PER 1½ SEC. SIZE: 17x10½x4½; WT: 50 LBS.
PRICE: UNUSED CHECKED W/MANUAL $29.95

SYLVANIA FLASH LAMP WITH PORTABLE HOLDER AND LAMP SOCKET,SWITCH, IGNITION COIL & 20 FOOT 4 COND. CABLE. WT: 5 LBS. $10.00

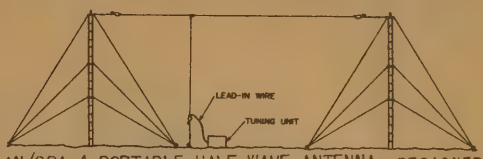
RT-35/AM RADIOSONDE TRANSMITTER- RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLGATE REQ. 90 VDC & 1½VDC SIZE 3½x4½x10: WT: 5 LBS. PRICE: NEW $3.95

I-196 SIGNAL GENERATOR 160 TO 220 MC, USED TO CHECK IFF SETS WITH ONE 957 TUBE, VARIABLE FREQUENCY AND TONE, PILOT IND. ON/OFF SWITCH. DRY BATTERIES 1½ & 135 VDC. RFQ. HOUSED IN WOOD CASE WITH CANVAS COVER.
SIZE:8½x8½x14; 10 LBS. PRICE: USED $3.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO $ SIGN 3-3/16" HIGH ON 3¼x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE.(WIRING DIAGRAM FURNISED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD.SIZE:3¼x5¼x11½; WT: 7 LBS.
PRICE: USED $5.95 EACH 2 FOR $10.00



AN/GRA-4 PORTABLE HALF WAVE ANTENNA: DESIGNED FOR TRANSMITTING UP TO 100 WATTS AND RECEIVING IN THE 1.5 TO 18 MHZ RANGE. VERTICAL OR VARIOUS TYPES OF HORIZONTAL ANTENNAS CAN BE ASSEMBLED.(ORDER THE INDIVIDUAL PARTS YOU NEED TO MAKE THE TYPE ANTENNA YOU WANT)

AB-85 MAST SECTION, ALUM. 3' 1-5/8" DIA. WITH ONE END SMALLER SO IT SLIPS OVER PRECEDING SECTION. WT: 2¾ LB $1.50

MX-1116 FRAME USED TO CARRY 16 AB-85 SECTIONS W/CARRING STRAPS EA. END & STORAGE SPACE INSIDE. WT: W/16 AB-85, 40 LBS. MX-1116 FRAME & 16 AB-85 SECT. $25.00

RL-122 REEL ASSY. W/150 FT. BARE WIRE STRANDED 42/32 AND MATING TERMINATIONS SO OTHER REELS CAN BE ATTACHED.3LB. $4.95

MX-384 INSULATOR; FITS AT THE JUNCTION OF ANY 2 MAST SECTIONS, FOR VERTCAL.3LB $2.95

AB-154 MAST BASE W/SWIVEL STAKE, SEC. OR INSULATOR FITS INTO FOR VERTICAL. 1LB$1.95

MX-857 ADAPTER FOR TOP OF MAST SO MS-116-117 & 118 WHIPS CAN BE ADDED. 1 LB. $1.95

IL-4 INSULATOR, HAS TERMINALS (2) FOR CONN. ANT. WIRE AND FEMALE COAXIAL FITTING FOR CONN. CG-357/U CABLE. 1 LB. $2.95

CG-357/U COAXIAL CABLE RG-59A/U 72 OHMS WITH (50FT) W/JACK & PLUG EA END,TYPE"N" 2LB $2.50

MX-GUY ROPES ARE MADE OF 3/16 NYLON AND COME WITH WITH LENGTH ADJUSTMENT FASTENER, SNAP HOOK AND INSULATOR, 800 LB. TEST.

MX-382	GUY 31FT WITH ATTACHMENTS.	12OZ	$1.00
MX-381	" 40" " "	14"	$1.25
MX-383	" 50" " "	16"	$1.50
MX-378	GUY PLATE FOR FASTENING GUYS	2OZ	$ .35

MX-516 HALYARD 3/16" NYLON ROPE 800 LB TEST 140 FT. WITH INSULATOR, FASTENER THAT ATTACHES TO RL-122 REEL OR WIRE AND A PULLEY THAT FLOATS ON HALYARD AND ATTACHES TO GUY PLATE W/SNAP HOOK. $4.50

CP-12 COUNTERPOISE; FOUR 25 FT RADIALS OF WIRE 16/#30 WEATHER PROOF, WITH ATTACHMENTS THAT ARE FASTENED TO GROUND STAKES, USED W/VERTICAL. 2LB. $3.95

GRA-4 GUY STAKE; ALUMINUM 18" WITH FASTENER FOR GUY,1½"x1¼" ANGLE. 1 LB. $ .50

AB-101/TRC MAST SECTION;FOR ANTENNA SUPPORT; STEEL TUBE 5'8"x1-53/64" ID.x2" OD W/8-5/16" OF ONE END SWAGED TO 1-7/8" OD TO BE USED AS A INTERCONNECTING FERRULE,LOCKING SLOTS ARE PROVIDED IN EA. FERRULE OF MAST SEC. ALSO CORRESPONDING PIN, ALONG WITH LOCKING DEVICE. WT: 10 LBS. EA. SEC. 7 SEC. FIT INTO CARRYING CASE CY-443. TOTAL WEIGHT 100 LBS.
PRICE:SECTIONS ONLY $6 EA. CY-443 CARRIER $15
AB-102/TRC BASE FOR MAST WT: 10 LBS. $10

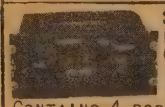
CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS A INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.
INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6,6AL5,V103. VOLTAGE REQ. 115/230v 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER.
SIZE:6x6x8¾; 15 LBS. #1028017 UNUSED $4.95

Control Boxes Filters Indicators Tuning Units Amplifiers

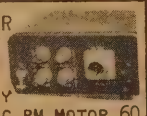
ALARM BELL OPERATES FROM 24 VOLT D.C. SIZE: 4½x4½x2½ WT: 1LB #561-3 NEW $1.95

RM-21 CONTROL BOX WITH HANDSET HOLDER 3 PUSH SWITCHES, VOLUME CONTROL, MIC AND PHONE JACKS ETC SIZE: 10½x7x2½; 8 LB PRICE; NEW $3.95

C-345A/MRC-2 CONTROL BOX HAS VOLUME CONTROLS, PHONE & SPEAKER JACKS, FOR TWO RECEIVERS A & B. ALSO 2½ FT CORDS W/PL-68 PLUGS TO CONNECT THE UNIT WITH A & B. 6x3½x2 WT: 4LB PRICE: $3.95



SB-329 SIGNAL DISTRIBUTION CONTROL BOX USED W/ARC-44 RADIO SET. CONTAINS 4 POS. SEL. SWITCH VOL CONT, 2 IND. LITES WITH 327 LAMPS, MINIATURE SWITCHES ½x½x½ 3/SPDT, 1/SPDT & 1/DPDT ½x½x½. SIZE: 2½x5¾x4½; 5 LB PRICES: USED $3.95 NEW $7.95



KY-149/AR KEYER CONTAINS A ANTENNA SWITCHING RELAY, A LOBE SWITCHING RELAY AND A 27.5 VDC PM MOTOR 60 RPM, PANEL HAS 4 BNC COAX. CONN. AND 2 PIN POWER PLUG. SIZE: 2½x5x7; 3 LB. NEW $8.95

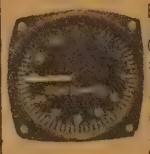
LS-230 INTERCOMMUNICATION STATION CONTROL BX CONTAINS 3 ROTARY 3 POSITION LEVER CONT. SW 1 LEVER SW. DP DT CENTER OFF, 1 LEVER SW. SPST 1 SIDE, OTHERSIDE SPST MOM. & CENTER OFF. 3 LITE IND. PHONE & MIKE JACK & 1 MIN. TRANSFOR 50 TO 500 OHM. SIZE: 7x5x2½; WT: 3 LBS. PRICE: $5.95

O-423/AR RELAY OSCILLATOR. PROVIDES MEANS FOR USING THE TRANS. AS A RF SOURCE FOR TUNNING THE REC. WHEN USED IN THE COMPLETE SYSTEM. CONTAINS 5/24 VDC CERAMIC RELAYS, 2 MIN. VOL CONT. 2-BNC COAX. CONN. ETC SIZE: 4x5x2; 3 LBS. NEW $5

REMOTE SIGNALING PANEL WITH 4 BULLS-EYE LIGHTS, 2 SPST SWITCHES, 2 FUSE HOLDERS, 2 115 VAC RELAYS, LINE CORD, RESISTORS, COND. ETC. USED TO RING BELL AND SIGNAL OPERATOR AT REMOTE STATION LISTED BELOW. (LESS BELL) 19x3½x3½; WT: 6 LBS. # K53-1604 NEW $3.95

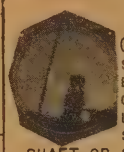
REMOTE STATION LINE PANEL BOX HAS THREE POSITION SELECTOR SWITCH, 2 BULLS EYE INDICAYOR LIGHTS, 115 VAC LINE CORD ETC. (NO BELL INC 3¼x6x4; 3LB.

#K-53-1604S NEW $1.95



RADIO COMPASS INDICATORS. 0-360 DEGREE SCALE, WITH AUTOSYN RECEIVER 26 V. 400 CYCLE. (WILL ALSO OPERATE ON 12 V. 60 CY

1-82A INDICATOR 5" USED $10 NEW $14
1-81A INDICATOR 3" USED $6
1-91B INDICATOR 3" NEW $10
AY-201 AUTO SYN TRANSMITTER THAT CAN BE USED WITH THE ABOVE INDICATORS TO MAKE A WIND DIRECTION INDICATOR SYSTEM. $2.95 USED
TRANSFORMER 12 V. $1.95
(W/INSTRUCTIONS) $2.95
PL-118 PLUG TO FIT IND $2.



MN-40 INDICATOR. 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH.
MN-40 INDICATOR 5" $2.50
MC-124 SHAFT 20" $1.50
MC-137 SPIN KNOB $1.00

C-493A/VRC-2 CONTROL BOX W/ VOL. & SQUELCH CONTROLS, RED & GREEN IND. LIGHTS, AND STD 4-PRONG AMPHENOL MIKE RECEPTACLE. SIZE: 7x2¼x2½ WT: 3LB PRICE: UNUSED $2.95

REMOTE CONTROL BOX FOR TCS EQUIPMENT, CONTCINS 3 SPST SWITCHES, 2 PHONE AND MIC JACKS ALL WATERPROOF, 1 DUAL POTENTIOMETER WITH DIAL KNOB. SIZE: 5½x5½x3, WT: 3LBS. #CMX23429 NEW $1.00

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24VDC RELAY DPDT, COND, RES. SIZE: 4x4x4; WT: 2 LBS. USED PRICE: $1.00 EA. 2/$1.50

BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM.

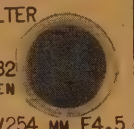
SIZE: 14x5x5; WT: 10 LBS. PRICE: USED $4.95

BC-938A BC-451 BC-136/2
BC-938A CONTROL BOX with 7 push button switches marked A,B, C,D,OFF,1&2. Also tone, CW & voice switch & connectors.
Price.... $2.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

AUTO REMOTE CONTROL ASSY. MIC. JACK, PILOT LITE, ON-OF SWITCH & 6 FT. 8 COND CABLE MOUNTED TO PLATE 3x3" 2LBS. PRICE: $1.25 EA. 3/$3.00

I-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3½x3½x3 WT: 3LBS. RECOND. $2.95



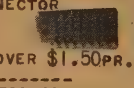
CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 $1.95

CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1½ EACH $ .59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2½x1½x½ PER PAIR $1.50 P-601

18 CONTACTS 2½x2½x1 P-2802 PER PAIR $2.00



35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2¼x1 NO COVER $1.50PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1½x¾. AMP #26-150 F/CHASS. #151 W/CC USED $1.50

GENERAL ELECTRIC HEAVY DUTY MULTI-SWITCH FOUR CONTACT 3 POSITION & OFF. POS. 1 & 2, 2 & 3, AND 3&1 SIZE: 5x4x2½; WT: 3 LBS. GE#16SBIGF11X4/SB-1 $4.95

BB-208/AMT RADIO SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2¾HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4½ OZ. BATTERY PACK (4) $1.29

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3½x2½x2; 1½LB $3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. $2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL #23518 PRICE: $1.95

SHAFT EXTENDER-COUPLER-INSULATOR, CAN BE USED FOR ANY OF THESE PURPOSES. METAL COUPLER ¾" LG. ½" DIA. WITH 2 SET SCREWS ON EA. END. FOR ¼" SHAFT ALSO HAS FIBER INSULATED SHAFT ¾" LG. WITH SLOTTED END. #T-278-C 39¢ EA. 3 FOR $1

FLEXIBLE COUPLING

METAL FLEXIBLE COUPLING 2" x 1¾" FOR 1/4 TO 1/4 SHAF COUN002 EA. $ .40

INSULATED FLEXIBLE COUPLING 1"x¾" FOR ¼" SHAFT. COUN003 $ .25

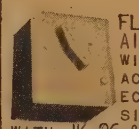
JOHNSON CERAMIC COUPLING 2x2 F/¼" SHAFT #COUN006 59¢ 2 FOR $1

METAL FLEXIBLE COUPLING FI ¼" TO 3/8" SHAFTS. 1" DIA. 1½" LONG. COUN005 $ .25

TERMINAL BOARD, P/O BD-71 SWITCHBOARD. HAS 15 BRASS BINDING POSTS ON INSULATING BOARD SIZE 3¾x16x½; WT: 3LB PRICE: $1.50 EACH 4/$5.00

VIEWING HOODS FOR OSCILLOSCOPE TEKTRONIX 5" RD. PLASTIC BARREL RUBBER VIEWER. 5" RDX1½; 4 LBS #3669 NEW $3.00

RECTANGULAR VIEWING HOOD 6"x5"x9½"; 4LBS. 2ZA937B $3

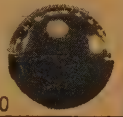


FL-30 BEAM FILTER AIR FORCE TYPE WITH SWITCH FOR ACCEPTING OR REJECTING 1020 CYCLE SIGNAL FOR REC. WITH JK-26 & PL-55 PLUGS, SIZE: 2¾x2¾x3½; 1LB. USED $3.

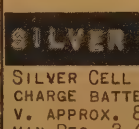
CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLDED TOROIDAL CONST 200/115 V 400 CPS CURRENT RATING 500; 0.65 AMPS. 2½x2½x¾ IN. 4 OZ, # 7499 $.75

SIMILAR TO ABOVE OPEN TORROIDAL. RATING 250; 2 AMPS 400 CPS. WEST. TYPE AVT-15A 3x3x1, 8 OZ. $.75

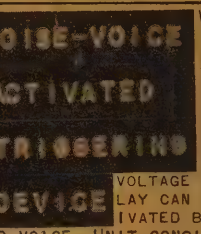
RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1½" DIAL INDICATOR. ¼x5/16 SPLINE SHAFT. 2¼x1¾x1½; #9922 $1



VERNIER DIAL 2½" 100 TO 0 SCALE. TAKES ¼" SHAFT. PRICE: $2.00



SILVER CELL DRY CHARGE BATTERY, 1.5 V. APPROX. 8 AMP. MIN. REQ. 3.4 CC OF 1,300 SPECFIC GRAVITY POTASSIUM HYDROXIDE FOR ACTIVATION. SIZE: 1x1½x3/8. #EP1485 PRICE: $3.95 EA. 3 FOR $10

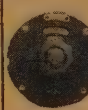


WHEN CONNECTED TO 6 - 9 VOLTS AND A RELAY OF THE SAME VOLTAGE THE RELAY CAN BE ACTIVATED BY NOISE OR VOICE. UNIT CONSISTS OF CRYSTAL MIC. TRANSISTOR, SCR 2 CAP. 3 RES. AND A TRIMMER POT. FOR ADJUSTING SENSITIVITY. W/SCHEMATIC/LESS BATT AND RELAY. SIZE: 1½x1; 2 OZ. LEE #5355 PRICE: $1.95 3/$5

INDICATOR N-S E-W W/GEAR TRAIN, INNER & OUTER DIALS COUPLED TO 20,000 OHM 1% POT. U/WITH APA-44. 3½x4x5; 1LB
N-S #153223 $4.95
E-W #153229 $4.95

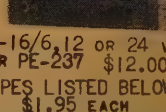
HYDROPHONE UNIT MAGNETOSTRICTION TYPE 20 KC RESONANT FREQ. THIS A STANDARD SECTION OF A COMPLETE ASSY. AS USED IN AN/SQS-10 SONAR. SIZE: 3½x5x1½; WT: 3LBS. #875446/Y901 $5.95

WOBULATOR MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE COIL TYPE DRIEN CAPACITOR, ALNICO MAGNET, 10½ OZ. VIBRATES A ALUMINUM PLATE THERBY VARING THE CAPACITY FROM 5 TO 100 MMFD. BASIC INFORMATION SUPPLIED. #Y-101/APN-1 SIZE: 3x3x2; WT: 1½ LBS. CRACKED CERAMIC $2 GOOD $3



VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. $3.50

VIBRATORS



VB-16/6,12 OR 24 VOLT FOR PE-237 $12.00

TYPES LISTED BELOW $1.95 EACH
VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6VOLT FOR PE-104 SAME AS MALL-550C
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30OHMS LEAD CELLS SIZE 1¼x3½ x7/8. 5 OZ. DRY CHARGE PRICE: 3 FOR $1.50

BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR $.95

MINIMUM ORDER $5.00

RADIO TELEPHONE LINK

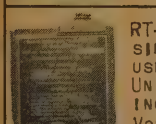
AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26,5763,5R4,6AK6,0A2 12AX7,2 EA. 12AU7 & 6L6, TUNING METER & METERING SW.....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7,6AQ5,12AX7,6AX5, 2 EA. 6BA6,6J6,0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTE AND ELECTRONIC HYBRID NETWORK. IT CONVERTERS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA.6AS6,6AK6,0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21½x14⅝x22½; SHPG. WT: 100 LBS.
PRICES: USED SERVICEABLE $59.50

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIRCRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.
SIZE: 3½x7x2½; WT: 3LBS. PRICE: USED $14.95

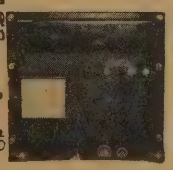
CX-1093A/U POWER CABLE FOR URC-4 $1.50

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER
PRICE: NEW $9.95



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTOI VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED, TS-684 SHOWN ON PAGE 16
SIZE:3x1½x4; WT: 1½ LBS.
PRICE: USED..... $18.95

IDENTIFICATION SET



RT-82/APX-6 RADAR INDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ 59.5/1.5MC. (CAN BE CONVERTED TO 1215MC. QST FEB.'61,SETP. '60; 1296MC. QST JUNE '61). WITH (30) TUBES 6/6J6,1/6AS6, 1/3E29,3/6AL5,1/5Y3,2/3B24 3/6AL5,2/12AU7,7/6AK5,1/2C42, 1/2C46,1/1B40,1/1N-43,1/1N-25 DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIREI 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS.
PRICES: USED $18.95

APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8½x3; WT: 6 LB.LESS TUBES $4.95

R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C.SENSITIVITY 5 MICRVOLTS WITH TUBES 8/5840,5/5702,6/5718,2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA.
SIZE:8x8x6; WT:10 LBS. USED $14.95

BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6,3/807,1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY $5.00
SIZE:40½x18x30; WT: SHPG. 411 LBS. NEW $75.00

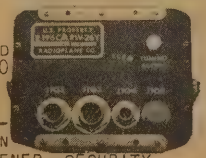
RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINES OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80.
SIZE: 10x14x13½; WT: 50 LBS. NEW $35.00
CARBON MICROPHONE $7.95 MANUAL $5.00

BC-223 TRANSMITTER, 25 WATT 2000 TO 5000 KHZ WITH THREE PLUG-IN TUNING UNITS. CRYSTAL CONTROL AND VARIABLE OSCILLATOR. FOUR PRESELECTED CHANNELS USING FT-171 CRYSTAL HOLDERS. WITH TUBES 801 OSCILLATOR, 801 POWER AMP, 2/46 MODULATORS, 46 AUDIO AMP. 0-3 RF AMP AND 0-300 VDC METERS. VOLTAGE REQUIRED 12 OR 24 VDC AND 500 VDC @ 150-200 MA. SIZE: 18x13x7 WT: 100 LBS.
PRICE: W/TUBES, THREE TUNING UNITS, AND CASES FOR TWO TUNING UNITS, NEW $19.95

RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811,1/1625,1/6AG7,1/6V6,1/12BE6,2/12AU7,2/12AL5,2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4)
SIZE:15½x7¾x23½; WT: 70 LBS. LESS CRYSTALS
PRICE: USED LESS DYNAMOTOR $49.50

R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908,4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A.
SIZE: 2½x5x8; WT: 2 LBS. PRICE: USED $9.95

BC-1333 MARKER BEACON RECEIVER 75 MHZ, USED IN AIRCRAFT FOR RECEIVING SIGNAL FROM AIRPORT. SIGNAL RECEIVED ENERGIZES RELAY WHICH IN TURN OPERATES INSTRUMENT PANEL LIGHT. CAN BE USED TO ACTUATE ELECTRICLY OPERATED THINGS FROM A REMOTE POINT. VOLTAGE REQ. 24 VDC. WITH TUBES 1/12SN7,1/6SH7 1/6SL7.
SIZE:3x5½x5½; WT: 3 LBS. PRICE: USED $4.95



R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7¾x8½x5⅝ WT: 8 LBS. UNUSED $9.95

CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTNERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10½W x18L x15D. WT: 18 LBS. PRICE: $10.00

CY-853/PRC-6 CASE; PADDING AND SPACES FOR 42 CRYSTALS ⅝x⅝x5/16. SNAP LATCH. CASE SIZE: 6⅝x6⅝x1; WT: 2 LBS. UNUSED, $3.00

S-1347 CASE FOR SPARE PARTS. STEEL CONSTRUCTION. INTERIOR PARTITION: 5½x2½x2½; OVERALL: 6½x8½x2½; 4 LBS. $1.50

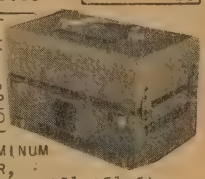
CY-1456/USM-25 ACCESSORY CASE; GREAT FOR CORDS, PROBES, ETC. LID POCKET FOR HANDBOOK OR MANUAL. ALUMINUM WITH HANDLE.
OVERALL SIZE: 15½x10⅝x3; WT: 6 LBS. $5.00

FGC-29 CABINET WITH REAR DOOR AND 115 V. 60 HZ BLOWER. SQUARE CORNERS SO THEY CAN BE GANGED. 22¾Wx75Hx24D; 200 LBS. USED, $40.00

CY-1693 CABINET WITH 3-PLUG AC OUTLET. STEEL, REMOVABLE REAR PANEL. RACK SIZE: 14x19x14, OVERALL: 16½x22x14; 50 LBS. UNUSED, $25.00

ALUMINUM CASE WITH ROUNDED CORNERS; STURDY, COMPACT SINGLE COMPARTMENT CONSTRUCTION. HASP-TYPE FASTNERS. INTERIOR 9¼x10x5⅝ WT: 6 LBS.
#CV-425 $5.00

MANY OTHER SIZES OF CASES BOXES CABINETS IN STOCK TELL US YOUR NEEDS



CARRING CASE FOR TS-147 TEST SET; MADE OF ALUMINUM, INSIDE MEASUREMENTS, OVERALL 17½x11 x11½, LOWER PORTION 7½ DEEP, REMOVEABLE HINGED COVER, HASP FASTNERS. WT: 15 LBS. USED $5

TS-10C HEAVY ALUMINUM CASE, HINGED COVER, HASPS & HANDEL. SIZE 10½x15⅝x6¼ 10½HX15½LX6¼D, WT: 15 LBS. $10.00

RATIONS BOX NO 1 FOR 2 MEN, 1 DAY RIVTED CANVAS STRAP, HANDLE AND SERVES AS HINGE WITH BUCKLE. 8½x5⅝x4¾;5 LB. $2.00

COUNTER DIAL 10 TO 1 RATIO 0-100/0-99 SPIN KNOB, 3/8" SHAFT. SIZE:6x 3½x2½; 3 LBS. LOCKING DEV. RCA/NAEC #210 USED $8.95

WILCOX L-10 PN/42077

VARIABLE INDUCTOR 2 TO 26 MHZ, 14 TURNS ¼ IN. SILVER PLATES TUBING, 5½" COIL TAPPED @ TURNS 2,3,4,7,9,11, SILVER PLATED RIBBON COND. ARE VAR. THRU. THE COIL, ¼x4½" SHAFT.
SIZE:13x7x7½; 10 LBS.5950-092-1126 $25.00

ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 29 TURNS WIRE NO 14, COIL FORM 2-3/16x4-3/8 APPROX. 19 MU-HY, 100 WATTS, ¼" SHAFT WITH COUPLING.
SIZE:3x4½x7; WT: 4 LBS.
RUSSO#2407-1C PRICE: RE-MOVED F/EQUIP.$9.95

ROTARY INDUCTOR, 32.7 U-HENRY; 43 TURNS. 1½" DIA. X 2½" LONG COIL. OVERALL LENGTH 2½x2⅝x7. REMOVED FROM TCS TRANSMITTER SO SHOULD BE GOOD UP TO 100 WATTS. WT: 2LB TCS-L108-LD LESS DIAL USED $8.95

VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD., 3¼x1⅝x1⅝ WITH SHAFT. TCS-C116 REMOVED FROM TCS $2.95

ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIVELENT. USED $4.95

SILICON DIODES

SILICON DIODES ; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE.
BEK-6 WITH 2/1N3212,2/1N3212R,MTG SIZE 4x3½ $2.50
2C8R w/4/1N3208,4/1N3208R, 2/TIERED MTG4x4x2$2.75
3C12R w/4/1N3208,4/1N3208R, 2/1N3209,2/1N3209R, 3-TIERED MTG4x4x4$4.25
1C1T 2N1557,90 WATT,40 v 15 AMP ON 3x4½" HIGH COOLING HEAT SINK $1.50
BAJ6 4/1N3212, ON 4½x6x7/8 HEAT SINK. $3.00
BAJ8 2/1N3212,2/2N686,(25 A. 250 PRV)4½x6x1 $3.50
D1190 4/1N3208,1/1N3208R,1/3209,1/1N3212, PLUS 10/RES,4/CAP,2/POT $3

LESS CONTACTS

SANDY'S TRANSISTOR SPECIAL 4½"x9" CIRCUIT BOARDS WITH TRANSISTORS, DIODES, SEMI-CONDUCTORS, CONDENSORS, RESISTORS, ETC.
WITH 60 TRANSISTORS $3.00
125 FOR $5; 300 FOR $10.00

TRAVELING WAVE TUBE

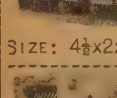
THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED,NOT GUARANTEED. (EXPERIMENTER'S ITEM)

ZM-3480 VARIAN TWT WITH DC-DC INVERTER POWER SUPPLY, OPERATES FROM 115 V. 48-420 HZ. HAS POWERFULL DISC MAGNETS THAT CAN BE DISMANTLED. SIZE:13x3; 12 LBS. $10.00

WJ-295 WATKINS JOHNSON TWT LOW NOISE AMPLIFIER 2.0-4.0 GHZ WITH INVERTER DC-DC P.S. FOR USE ON 115 V. 48-420 HZ OUTPUT 600 VDC,150 VDC,-100 VDC & -30 VDC. HEAVY DISC MAGNETS. 10x3; 7 LBS. $10.00

TWT'S LISTED BELOW DO NOT HAVE ANY POWER SUPPLIES OR MAGNETS. NO ADDITIONAL DATA.
SPERRY STC-279 12x1½ $5
MICROWAVE M5217 13x1 $5
HUGHES 333H 9 x3 $5
HUGGINS M5057A 17x1.5 $5
RAYTHEON CKB994 8x2,5 $5
MICROWAVE 10300 15x1 $5
RCA PS296001/4033 $5
ALL ABOVE TWT APPROX. 5 LBS.

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V
SIZE: 4½x2x3½; 1 LB. $1.50



351-1013 3.5 TO 27 MMF, 13 PLATE SIZE: 1-5/8x1⅝x 1-5/16, SHAFT 1½x3/16. $.75

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE:7x3½x3½; WT: 10 LBS. #881 $3.95 USED

VARIABLE CAPACITOR, 12 TO 100 MMF, 2500 V., HAMMARLUND, 3½x1½x1½, ¼" SHAFT. #5910-669-4056 $2.95

VARIABLE CAPACITOR FROM TCS TRANSMITTERS, 425 MMFD, 3¼x1¾x1¾ WITH SHAFT, TCS-C116, REM. F/TCS $2.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 $ .79

FREQ. METER TUNING CAPACITOR,LESS DIAL 11.5-160 MMF. PART OF BC-221/LM SERIES 3x3½x5; 3 LBS. $6.00

PRE-SELECTOR UNIT ASSEMBLY PART OF R-19/508 RECEIVER 118-148MC CONSISTS OF 1ST & 2ND R.F. AMP. R.F. OSC. & MIXER STAGES, FOR USE WITH 3/9003 & 1/9002 TUBES. (LESS TUBES) SIZE:4½x3x3½; 3 LBS.N $7.95

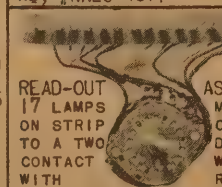
VARIABLE CAPACITOR, 25 TO 250 MMF, 1000 VOLTS. ¼" DIA. X 1¼" SHAFT; OVERALL 3⅝x1⅜x2⅛. GOLD PLATED PLATES; REM- BC-778 USED $2.95

VARIABLE CAPACITOR, FIVE GANG, 22 TO 415 MMF EACH SECTION, 500 V. WITH GEARHEAD. SIZE: 8⅛x4x2⅝ WT. 3 LBS. REM-ARN-6 PRICE: USED $3.95

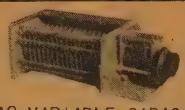
VARIABLE CAPACITOR 100 MMF 34 PLATES, SCREW DRIVER SHAFT ADJ. SIZE 2¼" INCL SHAFT X 1 x1¼. #4460VC-100 59¢

CAPACITOR VARIABLE AIR 5.5 TO 100 MMF 0.015 AIRGAP SCDR ADJ SHAFT. SIZE 2" INCL SHAFT x1¼x1 u/W BC-312/342 HAMMARLUND APC-100 27 PLT. 3D291 59¢

MINITURE VARIABLE CAPACITOR 2-30 MMF 500 V. 14 PLATES SIZE 3/16x1/2" SHAFT 3/16x 3/8" SINGLE HOLE MTG. OVER ALL SIZE LESS SHAFT 1¼x5/8 x⅜; #NAEC-4571 $1.50



READ-OUT ASSEMBLY 17 LAMPS MOUNTED ON STRIP CONNECTED TO A TWO DECK 17 CONTACT WAFER SW WITH RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2¼" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. $1.50 EA. 4 FOR $5.

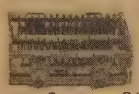


ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17 INCH AIR GAP WITH AUTOTUNE GEAR ASSY. #C-125 USED SIZE:5x5x12 7LBS. $9.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF RF, MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.) FOR USE WITH 30 MC I.F. SIZE:6x5¾x4; 5 LBS. USED$8

COMMAND RECEIVER VARIABLE CAPACITOR 3 GANG WITH TRIMMERS AND GEARS
#4601 147 MMF 3-6 MC $2.50
#6558 62 MMF 6-9 MC $2.50
SIZE: 4x3x3: WT: 2 LBS.

PA TUNING CAPCITOR FOR COMMAND TRANSMITTER W/ GEAR TRAIN & DOUBLE END SHAFT. 4x2½x3 WT: 1LB. # C-65/7321 STK.# 2C6397A/C8 NEW $1.95

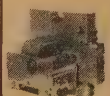


VARIABLE CAPACITORS 100 WATT SIZE: 4½x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8SPA MMF
P-7761569-P4 23 TO 111 "
M-7463006-1 22 TO 118 "
PRICE: EACH $1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES,1/8 SPACING, SIZE 3x2x2, SHAFT ½x¼;8oz. $1.00

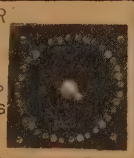
CAPACITOR ASSEMBLY; C11A 6.5-140 MMF(VAR. AIR.)SCREW DRIVER ADJ. MOUNTED ON BRACKET WITH CERAMIC TRIMMER 3-13 MMF.#C35B SCREW DR. AD WT: 8oz.#PC80128C $1.50

VARIABLE CAPACITOR, 3.5 TO 50 MMF, 0.015" AIR GAP. 1⅝" (INCLD. SHAFT) x1¼x1 REMOVED FROM BC-659, 3D9050V-30 59¢



VARIABLE CAPACITOR, 563 MMF. WITH FOUR POSITION SELECTOR SWITCHING FRONT MOUNTING PLATE 4" SQUARE. SIZE: 2x3¼x3 #76348 PRICE: UNUSED $2.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER FREQ. RANGE 8-12 MHZ.CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS,2/RES. 1/DPDT SW. 1/DIAL,2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE:2x8½x4½; 4 LBS. $3.95

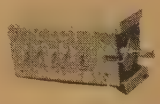


AUDIO OSCILLATOR BASIC ASSEMBLY; CONTAINS 24 12 MMFD CERAMIC TRIMMERS,21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SJ7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA.# DIV. REC-26 SIZE:5½x5x4¼; 5 LBS. $4.95

VARIABLE CAPACITOR 13.5-325 MMFD,500V DC,43 BRASS PLATES .0245 AIR GAP. WITH 3½" VERNIER DIAL CLEAR PLASTIC WITH MOUNTING W/LIGHT. SIZE: MTG.5x4x2½; WT: 2LBS. 3D93251.1 P/O BC-1148 PRICE: $3.95

VARIABLE CAPACITOR, THREE SECTION, 85-365 MMF EACH SECTION. 500 V. 2x2¼x3¼ 1½" SHAFT. #3D9865 $2.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP.,COILS,TUBE SOCKETS. OSC. SEC.P/O SCR-522 5x5x5; WT: 7LBS 2ZK11150 USED $3.95/N $5.95 NEW $5.95/$3.95



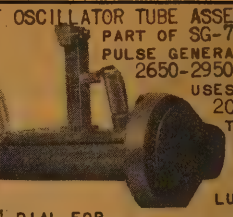
MALLORY SPIRAL INDUCTUNER FOUR GANG TUNER .04 TO .70 UHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 UUF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 6x2x2 SHAFT: 1½x¼ #HT-254-0 $9.95

R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MHZ. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. WITHOUT TUBES OR TUBE CAPS. #2C2783 SIZE: 9x4x4 WT: 5 LBS. $1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE ½x 1-1/8, DUAL GUIDES 9½" LONG WITH PRESSURIZING ASSY. 5LB. IBM #1280-779-5806 $1.95

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 $3.95

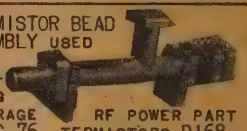
MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING, RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE, MAGNETS 5/8"x½x9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR $1.00



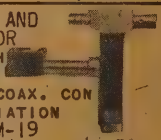
RF OSCILLATOR TUBE ASSEMBLY PART OF SG-76 PULSE GENERATOR 2650-2950 MC USES 2C40 TUBE 2C40 NOT INCLUDED

3" DIAL FOR VARIABLE TUNING, RF OUTPUT TAKE UG-88 COAX. CONNECTORS RADIATION MODEL 104/UPM-19 SIZE:10"LG X 4"DIA. LG. END WT: 4 LBS.LESS 2C40 $3.95

FREQUENCY READING CAVITY ASSEMBLY PART OF SG-76 PULSE GENERATOR AND USED WITH THE RF OSCILLATOR TO DETERMINE THE FREQ. MORE ACCURATELY AS INDICATED ON THE METER. FREQ. 2650 TO 2950, 3" VERNIER DIAL, TAKES UG-88 CONN RADIATION MODEL #103/UPM-19 SIZE:4x3½; 1½ LB. $2.50



THERMISTOR BEAD ASSEMBLY USED FOR MEASURING AVEARAGE RF POWER PART OF SG-76, TERMISTORS D168 391 & 168392, COAX. CONN. REQ. UG-21. RADIATION MODEL #120/UPM19; SIZE:6¾x2½x1 WT: 6 OZ. $1.95



VIDEO OUTPUT AND PULSE DETECTOR ASSEMBLY WITH 1N-21B DIODE TAKES UG-88 COAX. CONNECTORS. RADIATION MODEL#106/UPM-19 SIZE:3½x4x⅝; 4 OZ. $1.50

THREE GANG INDUCTUNER, 0.04 TO .07 U-HY/SECTION. 60 TO 75 MHZ PARALLEL WITH 100 UUF. 5x2x2, SHAFT ⅝x¼ DIA. #B-10-177 $8.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4½x3 WT: 4 LBS. UNUSED $9.95

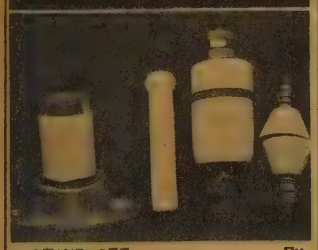
LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2½x3½ WT: 3 LBS. PRICE: UNUSED $6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4½x4 WT: 4 LBS. UNUSED $8.95

ATTENUATOR 50 OHMS 10.6DB STODDART#90520-11, TAKES UG-21 TYPE CONN. EACH END. LENGHT 3". $1.95
ADAPTER UG-188/U (WHICH IS A UG-21 TYPE PLUG) TO A STANDARD UG-88 CONN. CABLE 3" LONG. CN-210/U $1.25

AUDIO OSCILLATOR NETWORKS FOR USE WITH 12AU7 TUBE.
Z1 73.2 CPS Z5 183.0 CPS
Z2 91.5 " Z6 244.0 "
Z3 122. " Z7 410.0 "
Z4 144.5 "
EACH CAN SIZE 1-5/8x1-3/8x 3¼; WT: 2 OZ.
RADIATION UPM-Z (THEN NO.)
PRICE: EACH $1 ALL 7 $5.00

INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1¼ D.CAST BASE, 2¼ CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 $4.00
SIMILAR, ABOVE 3" 3.00
" " 10" 7.00

SPREADER INSULATOR, 4" LONG X ⅜" DIA. 2⅝" BETWEEN HOLE CENTERS. #IN-1020 25¢ EACH

STK.#INS.1014; FEED-THRU 4" LONG ⅜" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

CONE 1" BASE 1-1/8 H, ⅜"T 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR $1.05

STK.#INS.#1015; FEED-THRU BRASS BOLT 6¼" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR ⅛" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3⅝x2, WT: 2LB. $2.50

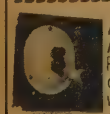
STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. x1⅝ DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS ¼LB. 25¢ EA. 5 FOR $1.00

TRANSMITTING LEAD-IN INSULATOR, THREADED ROD W/CONE INSULATORS 2x1 EACH. ADJUSTABLE BETWEEN CONES. 15" OVERALL. WT: 2 LBS. #4238 PRICE: $1.00

3G138-20.11 RIDGED CONICAL 2" BASE, ¾" TOP, 1½" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. ¼ LB. 35¢ 3 FOR $1.00

STRAIN, 1⅜x1x7, 3/8" HOLE EA. END FLAT SIDE, 5¼ CTRS. #3GK1250.42 $3.00
SAME RD. 1⅜x1⅜x7, GR/CT $3.50

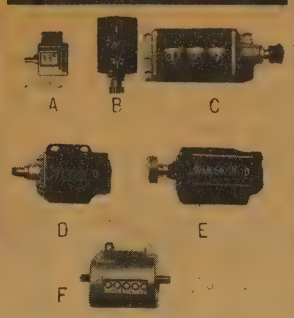
STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2⅜x2, CADIUM PLATED MOUNTING RING 3¼" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRA BRASS BOLT WITH NUTS. 1/2BE 39¢ EACH 3 FOR $1.00



ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3¼x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A ⅞x1 AND A ⅞x⅝ CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED $1.00

VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8"x4", 8 OZ. JENNINGS TYPE Y-3 $1.50

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: ⅞x¾x⅝. STK#CBSH334 $ .75

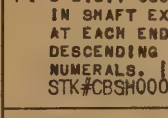
B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1¾x1x1-1/8 STK#CBSH173 $ .79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2⅜x1⅛x1¼. NUMERALS ⅛x⅛IN. STK#CBSH177 $1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2x1⅛x1 STK#CBSH9030 $ .75

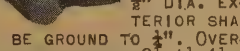
G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1x3/4x3/4, MTG. MASK 1⅜x1. STK#G32163 $.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING ⅛" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1⅜x1⅛x1⅛ STK#CBSH00000 $1.00



3 DIGIT COUNTER, VEEDER MFG. ¼" DIA. GEAR SHAFT; ⅛" DIA. EXTERIOR SHAFT CAN BE GROUND TO ⅛". OVER-UNDER MOUNTING. 2⅜x1⅛x4½; BC-1323 COUNTER $1.00

TELEPHONE JACK STRIPS



#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL#261 $2.50
#4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A; $1.95
#4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 $2.50
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 $2.50
#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 $1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1⅛" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2⅛" LG., BELL CAP 6" DIA. 10 LBS. $5 EA. 3 FOR $12.00

MICRO SWITCHES

SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250v. 2x¾x5/8 $.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x⅝ .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x¾ .50

HR07-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. $.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2⅛"x2"x1" $1.50

DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. ½" PLUNGER 2⅜x2⅛x2¼ $1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x¾ .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE W/ ½" TAP CONDUIT HUB; 17/8.5A 125/250v. PUSH PLUNGER; 2⅝x2x1 .75

WZ2RW80-D5 SP NOMALLY CLOSED 3" LEVER 2x3/4 SW. 60¢

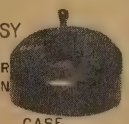
SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x⅝"x⅝". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x ¼"x5/8". .40

SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .40

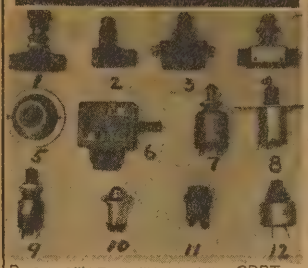
SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .40



SW-118 SWITCH ASSY SPST, ONE SIDE HOLDING ON;-OTHER SIDE MOMENTARY ON CENTER OFF. SWITCH SIZE: ½x1, CASE SIZE: 2¼x1 $.35 EA 3/$1.00

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2⅜ x2x⅜, PRICE EACH SECT. 65¢ #5930-539-6550
BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

PUSH SWITCHES



PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PB1 .75

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

DPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

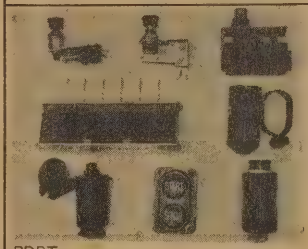
SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; ¼" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39



DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 $1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4⅝"x2⅝". PSW017 $1.00

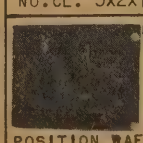
SPST PUSH-LEVER SWITCH. 3 5/8"x⅛"x⅛". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 $1.00

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1¾x1¼x1¼ CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1¼;#855-151 $1



CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS $ TOGGLE SWITCH. 6x4x3; 2LBS. $1.95

SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST	NEW	5/125	B-15	.65
ABOVE MOMENTARY N/CLOSED				
SPDT	REM	15/125	3022-7	.35
(ABOVE CENTER-OFF, MOM.)				
SPDT	NEW	15/125	B-1B	.30
DPDT	NEW	20/125	3023-10	.55
SPDT	REM	5/125	B-7A	.55
(CENTER OFF, MOM ONE SIDE)				

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST	REM	8/125	8817K2	.35
(ABOVE SWITCH MOMENTARY)				
SPST	NEW	6/125	SW-105N	.30
SPDT	REM	8/125	ST-13D	.25
("ON" BOTH SIDES)				
DPST	REM	3/125	7463954	.25
DPST	REM	15/125	ST-50K	.40
DPDT	REM	3/125	SW3125	.30
DPDT	REM	5/125	ST-22R	.35
3PST	NEW	15/125	SW3115	1.00
4PST	REM	15/125	7661K5	1.00

BARKELEW DPDT SWITCH, PICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5x6x1⅝ WT: 1 LB. UNUSED $1.50

DPDT AC LINE SWITCH WITH CENTER POSITION "OFF." CONTAINS ST-52-P TOGGLE SWITCH IN ALUMINUM CAST CASE. 15 AMP 125 VAC SIZE: 2⅜x1¼x1¼ PRICE: UNUSED, $1.00 EA.

HEAVY DUTY SPDT TOGGLE SWITCH, 80 AMP, 12 OR 24 VDC; CENTER "OFF". STUDS ARE ¼" #20 THREAD. SIZE: 1¾x2-1/8x3 1LB REMOVED FROM 1-199, #8783K3 USED $2.95

LEVER SWITCHES

TELEPHONE TYPE LEVER SWITCHE

6 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 $.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA.

1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2½"x1½"x¾". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
POWER - AIR CONDITIONING-
IGNITER - POWER SUPPLIES-
ERECTOR - 100% LIQ OXY
PRICE: $2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2½"x¾"x¼". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
LOW - OVERLOAD -
MALF.- POWER ON
PRICE: $1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO ¼" SURFACE CLEARANCE. REQUIRES ¾" HOLE TO MOUNT. 1 5/8" LONG. USED.
VM-500-2 $.59EA

INDICATOR LITE ONLY KORRY #TYPE 103, 5/8 SINGLE HOLE MTG. PUSH-ON RED PLASTIC CAP.PLASTIC BODY.
#6210-299-5167 75¢ EA.

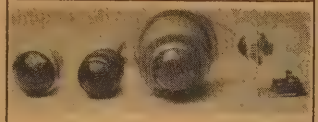
PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8"x1 11/16' x5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
PRICE:$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2½"x1½"x¾". INSCRIBED WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS.
PRICE: $.75

BULLS EYE PILOT LIGHTS
DULL FINISHED BRASS, BAYONET BASE, AND 0" TO ½" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: $.39EA

B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINITURE BASE. 2-1/8"x7/8"
D. LH62BY2. ½" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2¼"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28v. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. ⅛x1¼
6220-333-5827 $.50



PILOT LIGHT JEWELS

RED, FACETED, ½" DIA. JEWEL.SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
TYPE 81 $.15 EA.

SMOOTH RED JEWEL ½" IN DIAMETER. SCREWS INTO A ½" ASSEMBLY.
SERIES F $.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
2Z5368/1 $.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
4C1971 $.15 EA 100/$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
PIL010 $.15 EA 8/$1.00

SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8"LONG. INCLUDES BULB. USED. 110v.
PIL007 $.25 5/$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIESS T-1¾ BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
6210-643-4087 $.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
PIL008 $.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL ¾" IN DIAMETER. NEEDS ¾" HOLE. SURFACE CLEARANCE OF 0" TO ¾". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT. TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1¾" LONG. LESS BULB. USED.
PIL009 $.39

PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO ½". 2 3/8" LONG. LESS BULB. UNUSED.
PIL002 $.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO ½". 2¾" LONG LESS BULB, UNUSED.
PIL003 .59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. ½" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO ¼". 2 1/16" LONG. LESS BULB, UNUSED.
PIL004 .49

PUSH BUTTON SELECTOR SWITCH, 6-BUTTON EACH NORMALLY CLOSED, MAKE ONE EACH SIDE. 5½x1 FRONT MTG. PIECE. MOUNTS INTO 4"WX ¾"HX5"D AREA. WITH TERMINAL BOARD, UNUSED $3.95EA.

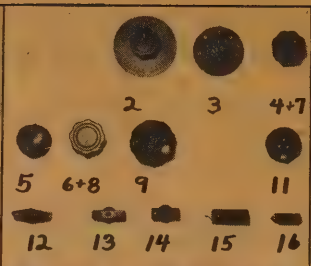
MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG. 10
2Z5950	LM-50	2	.25	MIN SC.	G-6	.20	.75
2Z5950	511	2	.25	MIN SC.	G-6	.20	.75
6B521	LM-21	110	400	MED SCC.	G-30	.50	4.00
	(LM-21	P/O	SIGNAL	LAMP	EQUIPMENT	EE-80)	
6240-6594	LM-41	110	6W	CAN. SC.	#8	.20	1.50
6Z6806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35	3.00
6Z6806.8	TS1129	6-8/21CP		CAN/BAY	S-8CL	.35	3.00
8870-775		150		CAN SC.	6S6 CL	.20	1.00
2Z5954	LM-54	105-125		LEADS	T-2	.20	.75
6Z6812-5	LM-45	12-16	.6	CAN BAY	G-6	.20	.75
6240-7126		55	5W	MED SC.	S-14	.25	2.00
DE EVRY494	(RED)	125	25W	CAN SC.	T-6	.25	2.00
6Z6812-5	LM-44	12-16		DC BAY	G-6	.20	.75
PC90615C		12		MIN SC	G-3½	.20	.75
6240-3394	3S6/5	115		DC BAY	T-4½	.25	1.75
	502	5	.15	MIN SC.		.20	.75
6Z6812-6	STANDARD LAMP	12		VOLT FROSTED		.35	3.00
	PR-10	6					
	480	22	.55	MIN SC.	G-6	.30	2.00
2Z5882		18	.11	MIN SC.	T-3¼	.20	1.00
6Z6827	LM-30	27	1	CAN BAY	T-8	.20	1.00
	NE-2	1/17		AMP 2F	SLIDE BASE	.10	.75
	4C5491-K1			K1	SLIDE BASE	.10	.75

GE# 5F001 4 WATT FLUORESCENT LAMP, 5-3/8" LONG, TERMINAL TO TERMINAL $.25 EA. 24 FOR $3.

SEALED BEAM

GE #4550 28 VOLT 250 WATT, 7" DIAMETER, PRICE: $3.00 EA.
GE PAR 64/WFL 115 VOLT 500 WATT WIDE FLOOD LAMP, 8" DIAMETER $6.50 EA.



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT,BRASS INSERT FOR ¼" SHAFT GR#9682 $1.00
2-3/8 FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR ¼" SHAFT. GR#9566 $1.00
1¾" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT.
KNBN002 $.25

1" DIA. FLUTED KNOB WITH 2½" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH ¼" DIA. HOLE.
KNB003 $.25

1½" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR ¼" SHAFT.
KNBN004 EA $.25, 5/$1.00

1½" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR ¼" SHAFT.
KNBN005 $.25

1½" FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN006 $.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR ¼" SHAFT.
KNBN007 $.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN008 $.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

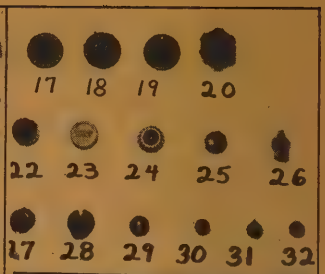
2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
KNBN009 $.79

2¼" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT.
#8089 NEW $2.00

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB.
KNBN011 $.20

1¾" DIA. PLASTIC, FLUTED SPIN KNOB. TAKES ¼" SHAFT.
#0389 NEW $1.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT.
#4692 NEW $1.00
1-5/8" DIA. PLASTIC KNOB WITH 2½" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR ¼" SHAFT.
#9414 NEW $1.50
1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1½" DIA. SKIRT. BRASS INSERT FOR ¼" SHAFT.
#9347 NEW $.50
1" DIA. PLASTIC KNOB WITH 1½" DIA. SKIRT. CALIBRATED ALPHABETICALLY A,B,...Y,Z. SKIRT ALUMINUM. ¼" HOLE.
#5312 NEW $.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT. 1¾"x¾"x5/8". SET SCREW TYPE.
KNBN012 $.25

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1½"x⅝"x5/8".
KNBN013 $.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1¾"x½"x5/8". WITH BRASS INSERT FOR ¼" SHAFT. SET SCREW TYPE.
KNBN014 $.25
BAR TYPE BAKELITE KNOB WITH POINTER. FOR ¼" SHAFT TAPED FOR SET SCREW. 2"x¾"x¾".
KNBN015 2/$.25
BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1½"x5/8"x½".
KNBN016 $.25
BAKELITE BAR TYPE KNOB 1"x ½"x½" ON 1¾" REMOVABLE DIAL FOR ¼" SHAFT. SET SCREW.
KNBN017 $.25

1¾" DIA. METAL KNOB FOR ¼" SHAFT WITH TWO SET SCREWS. FINGER GRIPMKNOB FOR HEAVY SWITCHING APPLICATIONS.
KNBN018 2/$.35
1¾" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH ¼" SHAFT.
KNBN019 $.25

1¾" BAKELITE KNOB FOR USE WITH ¼" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1½" HIGH.
KNBN020 $.25EA. 5/$1.00
3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/¼" SHAFT DULL BLK.KNB7820 35¢
5/8"x3/4" SAME AS ABOVE BRIGHT BLK.KNB1261 20¢
BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR ¼" SHAFT AND SET SCREW.
KNBN022 $.25

1¼" KNOB MARKED "INCREASED OUTPUT". ¼" HOLE WITH SET SCREW. ⅛" THICK, METAL.
KNBN023 $.25

1¼" PUSH-ON KNOB FOR ¼" SHAFT, W/MODIFICATION, BROWN
KNBN024 2/$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF ¼". ½"HIGH.
KNBN025 2/$.25
BAKELITE POINTER KNOB WITH BRASS INSERT FOR ¼" SHAFT. 1¾"x1"x¾".
KNBN026 $.25

FLUTED KNOB W/POINTER AND SKIRT FITS ¼" SHAFT. 1 1/8" DIA. ½" THICK.
KNBN027 $.25

1¼" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS ¼" SHAFT. SET SCREW TYPE. ¾" HIGH.
KNBN028 3/$.25

DYNAMOTOR TESTER

TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V. ; INPUT ADC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21½x17½; WT. 100 LBS. $35.00

STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READING OR MUTUAL CONDUCTANCE VALUE IN MICROHMOS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS. WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY.
SIZE: 18x17x8; WT: 45 LBS. SOLD LESS CHART USED "AS-IS" $25

TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWITH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115v±10% 50-1200CYCLES
SIZE: 9x9x14, WT: 35 LBS.
PRICE: USED, $39.95

PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.
INPUT: 115/230v. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A_1: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A_2: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B_1 & B_2: 22.5 TO 150 VDC @ 0 TO 100 MA.
C_1: 0 TO 22.5 VDC @ 0 TO 1 MA.
INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8,9,10; SCR-510, 610; AND BC-1000
SIZE: 25x11½x14½; WT: 150 LBS. USED $49.50

OSCILLOSCOPE

TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2API CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISETIME: 0.25 TO 30,000 U-SEC.
SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2API. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20¾x9x8 SHPG. WT: 40LB
PRICE: USED, REPARABLE $39.95 CHECKED $49.95

ECHO BOX

TS-172 ECHO BOX 1215-1370 MHZ, USED TO FIELD TEST RADAR SETS. CONSISTS OF A HIGH "Q" RESONATOR EXCITED BY MEANS OF LOOP THAT IS CONNECTED TO THE SET BY MEANS OF A R.F. CABLE. AN AUXILIARY LOOP IS CONNECTED TO A POWER METER WHICH SERVES AS THE TUNING INDICATOR. A SLIDE CHART IS MOUNTED ON THE FRONT INORDER TO DETERMINE THE RING TIME OF THE EQUIPMENT. SHIPPED IN CARRYING CASE
SIZE: 19¾x17½x17½; WT: 75 LBS.
PRICE: USED $49.95 UNUSED $65.00 MANUAL $7.50

MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR AND POWER METER. 0.19-400 MHZ AM; DESIGNED TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 5 RANGES, 0.19-30 MHZ, AND SG-33, 30-400 MHZ MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 µV, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV, 3,30,300,600 @ 20K Ω/V. ACV: 3,30,300 @ 5KΩ/V. MW,10,100,1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLER WHEN USED WITH APPROPRIATE DUMMY LOAD(NOT AVAILABLE). AN/TRM-1 W/CU-220, CU-413, POWER CABLE. POWER REQUIRED 115v60 HZ, SIZE 18x13x8, SHPG WT65 LBS. PRICE: USED REPARABLE $250.00
USED CHECKED $300.00

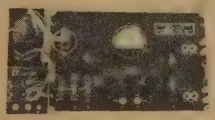
ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED

MX-1652	ANTENNA SIMULATOR, REC	$5.00
MX-2079	TEST ADAPTER 50 OHM	5.00
CN-399	FIXED ATTENUATOR 6 DB	5.00
CN-287	FIXED ATTENUATOR 12 DB	5.00
CX-3049	SPECIAL PURPOSE CABLE	5.00
CX-3884	OSCILLATOR EXTENDER CABLE	5.00

FR-72 TUNED CAVITY
PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERZ. A 3½" RD. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH 1N-23B CRYSTAL DIODE, UG-446/U ADAPTER AND 8 FOOT COAXIAL CABLE.
SIZE: 16x26x14 WT: 45 LBS. UNUSED $19.95

TS-62 ECHO BOX & CAVITY
PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3½" MICROAMMETER, DETECT DOUBLE MODING OF MAGNETRONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTENNA PICK-UP ASSY. WITH CABLE PROVIDED.
SIZE: 6½x18½x11½; WT: 15 LBS. USED $9.95

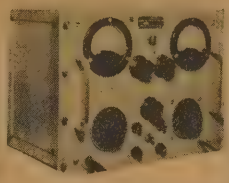
I-61 TEST SET FOR TRANSMISSION MEASURING



PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM,-20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-8B FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18¼x10x11,WT: 47LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9
USED $29.95 RE-NEW $39.50
LESS TEL. ASSY " 19.95 " " 29.50

MD-34/ARA-8 MODULATOR KEYING UNIT

AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3½x10x4½,WT: 5 LBS.
PRICE: USED..... $1.95

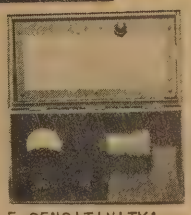


TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. IMPUT IMPEDANCE 50 OHMS. METERS 3½" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651,6AU6,6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE.
SIZE: 13x14x11; WT: 19 LBS.
PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRING CASE $14.95
WITH ATTENUATOR KIT AND CARRING CASE 35.00

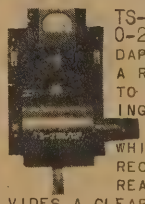
MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, TEST PROVIDES MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3½" 50 MICROAMMETER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACHABLE PLUGS.
SIZE: 10¼x10x7½ IN ALUMINUM CASE. WT: 18 LBS.
PRICE: RE-NEW $15.00

AN/URM-35 SIGNAL GENERATOR 4450 TO 8000 MHZ ON SINGLE BAND. GENERATES CW OR PULSE-MODULATED SIGNALS. PULSE WIDTH: 3.5 U-SEC ±0.5 U-SEC @ 50% PEAK AMPLITUDE; RISETIME 0.35 U-SEC. POWER OUTPUT: 0 TO -100 DBM CONTINUOUSLY VARIABLE. RF OUTPUT IMPEDANCE 50 OHMS; VIDEO OUTPUT TERMINATING IMPED. 50 OHMS RESISTIVE. POWER REQUIRED: 115 VAC, 380 TO 1000 HZ.
SIZE: 15½x17½x11½ WT: 45 LBS.
PRICE: USED, REPARABLE $49.50

WAVEMETER



FR-91/U WAVEMETER; PORTABLE UNIT USED TO MEASURE MICROWAVE SIGNALS BETWEEN 1800 AND 2800 MHZ, CW, AM, FM, PULSED OR NARROW-BAND. DESIGN ACCURACY 0.02%. POWER SENSITIVITY: 1 MW. TUNING SENSITIVITY BETTER THAN 0.03%. INTERNAL MICROMETER WITH ADJUSTABLE SENSITIVITY; MAY ALSO BE USED WITH SCOPE OR VTVM. WITH CALIBRATION CHART. POWER REQUIRED: NONE.
SIZE: 10x6¾x13 WT: 13 LBS. USED $34.95



TS-238/TS-207 ECHO BOX WITH 3" RD. 0-200 MICROAMMETER AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM" TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICES WHEN SUCH AN ECHO IS NOT OBTAINABLE FROM NEARBY GROUND TARGETS. REQUIRES
UG-21 COAX. CONN. 11x15x7 15 LBS. $15.00
UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT 75¢.

I-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLER. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRING CASE SIZE: 12¾x5½x3; WT: 8LBS. U $25.00

AN/FGC-5 TELEGRAPH

CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER AND PRINTER, 3½" METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13: WT: 22 LBS.
USED $14.95

O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING IMPULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3½" CORRECTION METER 5-0-5 0-1 MA MOVEMENT W/TUBES 12/12SN7 & 2/6SJ7. USED $14.95

C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/SPEAKER & 3½" METERS 0-100 MA DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE AND WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC AND 6.3 VAC. USED $17.95

TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATIONS TO CONVERTERS. W/TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13: 22LBS, USED $12.95

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CICUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA, 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VAC. 115 & 225 VDC. SIZE: 19x7x13; WT: 23 LBS. USED $14.95

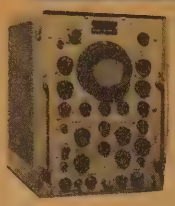
O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7; 7 POSITION SWITCH FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC.-115 &225 VDC. 19x7x13; 15 LBS. USED $9.95

C-620/FGC-5 CONTROL MONITORING TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST., COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROL SWITCHES & LIGHTS TO DO THIS. ALSO WESTON METERS 301, 3½" 0-100 MA DC. AND MULTIPLEX DRIVE FREQ. METER CALB. CYC. PER SEC. 60 & 75 WPM. 0-1 MA DC. BASIC. FS. W/TUBES 5/6SN7, 2/6V6, VOLTAGE REQ: 6.3 VAC, 115 VDC & 225 VDC. W/SCHEMATIC. 19x7x13; WT: 23 LBS. USED $17.95

TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSCILLATOR, SUBDIVIDED, AMP. CIR., IND. LAMP AND SW. TO CONNECT CONTROL MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7 & 10/5663. VOLTAGES REQ. 6.3 VAC., 115 & 225 VDC. 19x7x13; WT: 15 LBS.
USED $14.95

CONNECTOR PLUGS FOR THE ABOVE $1.50 EA.

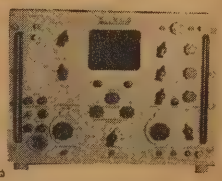
OS-57 OSCILLOSCOPE



OS-57/USM-38 OSCILLOSCOPE WITH 3" CRT; GENERAL PURPOSE UNIT FOR TESTING ELECTRONIC EQUIPMENT. SINE WAVE FLAT 3 DB 10 HZ TO 6 MHZ; SQUARE WAVE LESS THAN 10% TILT FROM 50 HZ POWER SOURCE. INPUT IMPEDANCE: 1 MEGOHM PARALLEL 35 MMFD. SWEEP TIME: 1 TO 100M μ-SEC/INCH, CONTINUOUSLY ADJUSTABLE. TRIGGERED OR PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH SWEEP AT 1, 10 AND 100 μ-SEC. TRIGGER PULSE OUTPUT: 100 V. PEAK, 1.5 U-SEC PULSE WITH RISE TIME OF 0.5 μ-SEC; REPETITION RATE CONTINUOUSLY VARIABLE FROM 40 TO 5000 PER SEC. CALIBRATION: 0 TO 1 VOLT PEAK TO PEAK LINE FREQUENCY FLAT-TOPPED WAVE. WITH TUBES: 3WP1, 6/12AT7, 2/12BY7, 7/6H6, 6X4, 5R4, 1Z2, 2/0A2, 5/5814, 2/5726, AND 5718. POWER REQUIRED: 115 VAC 50-400 HZ. SIZE: 9x13x16 WT: 36 LBS.
PRICE: USED, REPARABLE $65.00 CHECKED $85.00

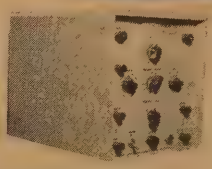
PROBES FOR USM-38: CATHODE FOLLOWER $5.00
DETECTOR $5.00
MANUAL FOR USM-38 SCOPE: $7.50

OSCILLOSCOPE

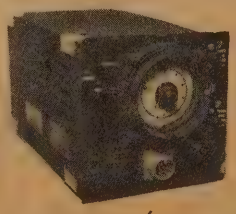


AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISETIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISETIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC.
VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS
HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF
INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK
INPUT SENSITIVITY: 10 MV/CM-RMS
CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV.
EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER.
POWER REQUIRED: 115 VAC 50 TO 1000 HZ
SIZE: 15½x19½x16¾ WT: 80 LBS. LESS PROBES
PRICE: USED, REPARABLE $75.00
USED, CHECKED $100.00

SCOPE ACCESSORY

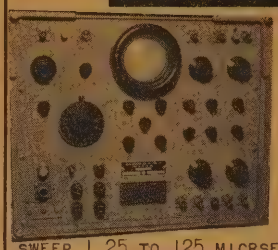


TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH ALLOWS SIMULTANEOUS VIEWING OF TWO RECURRENT PATTERNS ON AN OSCILLOSCOPE BY PROVIDING TWO INDEPENDENT TIME BASES. MAKES DIRECT COMPARISON OF WAVE CHARACTERISTICS POSSIBLE. SQUARE WAVE VOLTAGE WITH VARIABLE FREQ. AND AMPLITUDE AVAILABLE AT THE OUTPUT TERMINALS. ALSO DIRECT COUPLED AMPLIFIERS DESIGNED FOR CHOPPING A DC SIGNAL. SWITCHING RATE CONTINUOUSLY VARIABLE FROM 10 TO 2000 HZ; SQUARE WAVE GENERATOR FROM 10 TO 500 HZ. AMPLIFIER VARIABLE TO 30 VOLTS PEAK. FREQUENCY RESPONSE UNIFORM FROM 0 TO 5000 HZ. INPUT IMPEDANCE: 100K OHMS, OUTPUT 50K OHMS. POWER REQUIRED: 115/230 VAC 50/60 HZ
SIZE: 15½x13½x18 WT: 20 LBS. USED, $24.95



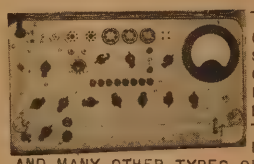
I-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE(SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6½x6½x12; WT: 9 LBS.
PRICE: USED $8.95 SCHEMATIC $1.00

OSCILLOSCOPES



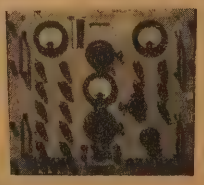
USM-24 OSCILLOSCOPE WITH 3JP1 C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -3DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MICROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLEXTION, RECURRENT SWEEP 8CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEFL. SENSITIVITY .035, HORIZ. DEFLEC. 4.0V, HORIZ. RESPONSE .5 CYC PER SEC. TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC, HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE BCN CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. SIZE: 15x17½x16; WT: 55 LBS. SHPG. WT: 65 LBS. SOLD AS "COMPLETE, NOT CHECKED WITHOUT GUARENTEE TO THE LIFE OF THE POWER TRANSFORMER. PROBES AND OTHER ACCESSORIES EXTRA."
PRICE: OS-26/USM-24 "AS-IS" $39.50
OS-51/USM-24C "AS-IS" $49.50
PROBES: CG-883. 10:1 ATTENUATOR $7.50 EA

ADAPTERS UG-924, -255, -274, -273 $1.00 EA

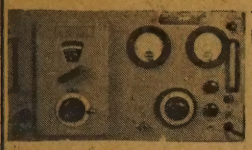


TV-10 TUBE TESTER USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE REJUNTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS LOW POWER TRANSMITTERS AND MANY OTHER TYPES OF ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSION, SHORTS, GAS, NOISE. ROLL CHART PROVIDES TEST SET UP DATA. HAS TEST SOCKETS FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINITURE, SUB-MINI, RD AND FLAT AND ACORN. POWER REGUIRED 115V 50-1000 HZ SIZE 18x10½x7 SHPG WT 30 LBS
USED REPARABLE $40.00 USED CHECKED $50.00
USES SAME ADAPTERS AS TV-7

OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO, INCREASE THE ACC. IN RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS. VIDEO AMP. SENSI. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMPL. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MICSEC. DELAY TIME, LESS THAN .2 MICROSEC., INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICROSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS., SIGNAL DELAY TIME .60 SEC. WITH TUBES 3WP1 CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11¼x17½x9; WT: 40 LBS.
PRICE: USED REPARABLE $39.50 CHECKED $55.00



AN/USM-16 SIGNAL GENERATOR 10-440 MHZ CW, AM, FM, PM SWEPT FREQUENCY RF GENERATOR AN OUTPUT OF 0.1 μ-VOLT TO .224 VOLT IS AVAILABLE FROM 10-440 MHZ. OSCILLATOR IS FREQUENCY AND AMPLITUDE STABILIZED. SWEEP RANGE IS 0 TO - 75 KHZ, 750 KHZ, 7500 KHZ. A 1-30 μSEC DURATION 50 TO 5 KHZ PULSE IS AVAILABLE FOR PULSE MODULATION OR AN OUTPUT SEPERATELY. CRYSTAL CALIBRATOR FOR ACCURATE FREQUENCY CALIBRATION- COMPLETE DATA ON REQUEST W/ SASE SHPG. WT: 150 LBS. SIZE 20 x 19¼ x 17¾.
POWER REQUIRED 115V 50-400HZ
PRICE: USED FUNCTIONAL CHECKED-
NOT CALIBRATED $350.00
USED REPARABLE $265.00



TS-497B/URR SIGNAL GENERATOR, 2 TO 400 MHZ. IN SIX BANDS. DESIGN ACCURACY ±.5%. OUTPUT VOLTAGE CONTINUOUSLY TUNEABLE FROM 0.1 TO 100,000 MICROVOLTS. GENERATES EITHER AM OR PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ; EXTERNAL MODULATION 50 TO 10,000 HZ. PERCENT MODULATION VARIABLE FROM 0 TO 30 PERCENT. OUT-PUT IMPEDANCE 50 OHMS. POWER REQUIRED: 115 VAC 50/60 HZ.

SIZE: 9½x19¾x10¾ SHPG. WT: 65 LBS.

PRICE: USED, REPARABLE $195 · CHECKED $225.00

GENERAL RADIO MODEL 1800-A VACUUM-TUBE VOLTMETER
A PORTABLE AND ACCURATE VTVM CAPABLE OF MEASURING ALTERNATING VOLTAGE AT FREQUENCIES UP TO SEVERAL HUNDRED MEGAHERZ, AS WELL AS DC VOLTAGES OF EITHER POLARITY. DESIGN ACCURACY OF ±2%. INCLUDED WITH THE UNIT IS A HIGH FREQUENCY PROBE SHIELDED AGAINST STRONG RF FIELDS.
VOLTAGE RANGES: 0.1 TO 150 VAC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. AND 0.01 TO 150 VDC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150.
INPUT IMPEDANCE: AC CIRCUIT 25 MEGOHMS SHUNTED BY 4.3 UUF. CAPACITANCE; EQUIVALENT PARALLEL CAP. AT RF IS 3.1 UUF. WITH A RESONANT FREQUENCY OF 1050 MHZ. DC IMPEDANCE IS 10 MEGOHMS AND OPEN GRID. WITH TUBES 2/9003, 2/991, 6C4, 6X5, 6AT6, 6SL7, 6SU7 AND 3-4. LESS POWER CABLE (USES STANDARD AC PLUG). POWER REQUIRED: 115/230 VAC 50/60 HZ. WALNUT CASE. 7½x7½x11¼ 16 LB
PRICE. USED REPARABLE $30.00

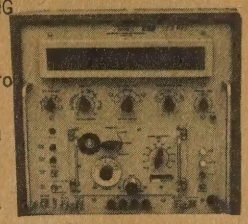
KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2½x2¼
SHPG. WT: 5 LBS. PRICE: NEW $24.95

TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHMMETER.
SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY.
AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS.
DC AMP SCALE: 250 UA/2.5 MA/10 MA/50 MA/100 MA/500 MA/2.5-10 AMPS.
RESISTENCE SCALE: Rx1/x10/x100/x1000/x10,000 OHMS
WITH FOUR INCH METER FS=50 U-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE 4½ VOLT AND ONE ½ VOLT BATTERIES.
SIZE: 15/11x10 WT: 23 LBS.
PRICE: USED, REPARABLE $29.95. CHECKED $39.95

AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 HZ TO 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN ± 1 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT 1 WATT INTO 500 OHMS; OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SJ7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: 18x14x8 SHPG. WT: 60 LBS.
PRICE: USED, COMPLETE, NOT CHECKED $40.00

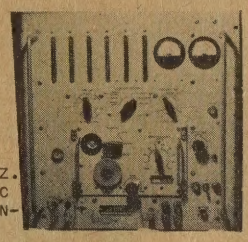
GENERAL RADIO TYPE 874 VI VOLTMETER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 U-AMPS. INCLUDES 2½" 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50 -60 HZ. AC. SIZE: 5¼x5¼x3⅞
WT: 6 LBS. PRICE: UNUSED $24.95

DIGITAL COUNTER



NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF.
ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ
SIZE: 19¾x19x17½ SHPG. WT: 110 LBS.
PRICE: USED, LESS 1 MHZ OSCILLATOR, $95.00
PLUG-INS $50.00 EA. WHEN PURCHASED W/COUNTER

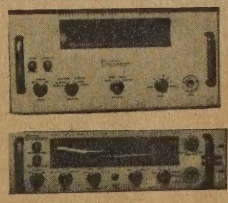
COUNTER, 8 DIGIT READOUT, DC TO 10 MHZ, CAN BE EXTENDED TO 500 MHZ WITH PROPER PLUG IN. USED, NOT CHKD $195.
(PLUG-INS LISTED BELOW) " CHECKED $225.



FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19¼x19x18¾ WT: 125 LBS.
PRICE: USED, REPARABLE $125.00 CHECKED $175.

COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW.
PRICES: USED, REPARABLE $150 CHECKED $225.00

COUNTER PLUG-INS FOR DIGITAL OR NUMERICAL READOUT. HP OR EQUIVALENT TYPE WILL BE SHIP
HP-525A 10-100 MHZ $75.00
HP-525B 100-200 " $90.00
HP-525C 100-500 " $175.00
DISCOUNT 25%, WHEN PURCHASING ABOVE COUNTERS ALSO.



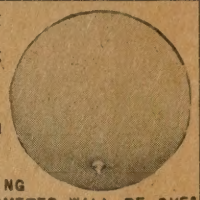
DIGITAL

DIGITAL TEST INSTRUMENTS: VOLTMETERS, MULTIMETERS, ETC. ALL 115 VAC 60 HZ. SOLD AS "USED, COMPLETE-REPARABLE; LESS TEST LEADS."

CUBIC V41 DC VOLTMETER; 0-999.9 VDC WITH SCALERS 1, 10, 100, AND 1000 VDC. SEPARATE DISPLAY AND CONTROL COMPONENTS. $85.00

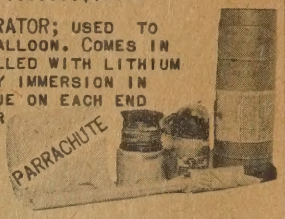
ELECTRO-INSTRUMENTS
MODEL 848 MULTIMETER; 0-999.9 VDC, WITH RATIO POSITION; SINGLE COMPONENT. $100.00
MODEL 851 MULTIMETER; 0-999.9 DC AND AC VOLTS; OHMS TO 1 MEG. $135.00
MODEL 880 MULTIMETER; 0-999.99 VDC, WITH RATIO POSITION; SINGLE COMP. $110.00

NON-LINEAR SYSTEMS
MODEL 64 DC VOLTMETER; 0-499.9 VDC WITH SCALERS 10, 100 AND 500 VDC. $75.00
MODEL V64 DC VOLTMETER; 0-999.9 VDC WITH SCALERS 10, 100 AND 1000 VDC. $90.00
MODEL M24 VOM; 0-999.9 VDC AND OHMS TO ONE MEG. DISPLAY AND CONTROL COMP. $115.00
MODEL M24-B AC-DC VOLTMETER; 0-999.9 AC AND DC VOLTS; DISPLAY AND 264F CONVERTER UNIT. $115.00
MODEL M25 VOM; 0-999.99 VDC AND OHMS TO 10 MEG. DISPLAY AND CONTROL COMP. $130.00



M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS.
PRICE: $4.95

M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....$10.00



M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER REQUIRES INFLATING TUBE FOR USE WITH BALLOON.
SHPG. WT: 8 LBS.

M-315 HYDROGEN GENERATOR ONLY..... $6.95
M-315 " " INFLATING TUBE 1.50
W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS x .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL 2¾x2¼. SHPG: WT: 1 LB $2.95
M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE 3x2¼ W/95" CORD FOR PLUGGING INTO TRANS. 4 OZ. $1.50
M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 $9.95

T-74/CRT-3 TRANSMITTER WITH ACCESSORIES $75

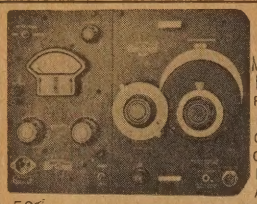
SG-376-A AUDIO AND RF SIGNAL GENERATOR USED TO TEST SSB RADIO EQUIPMENT AND CONSISTS OF TWO VARIABLE FREQUENCY AUDIO OSCILLATORS AND TWO DUAL FREQUENCY IF OSCILLATORS INDEPENDENT OF EACH OTHER, FREQ RANGE 20-20KHZ IN STEPS 1HZ FROM 20-100HZ 10HZ FROM 100-1000HZ, 100HZ FROM 1000 TO 10 KHZ, AND 200HZ FROM 10KHZ TO 20KHZ, ACCURACY 1%. THE IF FREQUENCIES AVAILABLE ARE 497.5KHZ, 498.5KHZ, 501.5KHZ, 502.5KHZ, CRYSTAL CONTROLLED 0.01%. AF OUTPUT 2 TO 2.5 VOLTS ATTENUATED UP TO 100DB, OUTPUT IMPEDANCE 600 OHM. THE AUDIO OSCILLATORS AND EITHER PAIR OF THE RF OSCILLATORS MAY BE MIXED FOR USE AT THE SAME TIME TO TEST SSB COMMUNICATIONS EQUIPMENT. CAN BE REMOVED FROM CASE FOR RACK MOUNTING. TRANSISTORS: 12/2N526, 6/2N1309, 1/2N297, 1/2N404: POWER REQUIRED 115VOLT 47.5 TO 450 HZ 15 WATTS 5½x11x19 SHGWT 35 LBS MANUAL $7.50 USED REPARABLE $175.00
USED CHECKED $225.00

TS-375/U VOLTMETER FOR AC OR DC VOLTAGES. AC RANGES ARE 1.2, 3, 12, 30 AND 120 VAC WITH FIVE MEGOHM RESISTANCE SHUNTED BY FIVE MMF. DC RANGES ARE 1.2, 3, 12, 30, 120 AND 300 VDC WITH CONSTANT INPUT RESISTANCE OF 30 MEGOHMS. FREQUENCY RANGE IS FROM 40 HZ TO 50 KHZ USING THE PANEL TERMINALS AND 10 KHZ TO 150 MHZ WITH THE PROBE. WITH AC AND DC PROBES. POWER REQUIRED: 115 VAC 50-1600 HZ.
SIZE: 10½x10½x6¾ WT: 21 LBS.
PRICE: USED, REPARABLE $25.00 CHECKED $35.00

I-95 FIELD STRENGTH METER, 100 TO 156 MHZ CONTINUOUSLY TUNABLE; ORIGINALLY DESIGNED FOR USE WITH SCR-522 EQUIPMENT. RELATIVE FIELD STRENGTH INDICATED ON A 2½" ROUND 0 TO 1.0 DC MILLIAMMETER. WITH 16½" TELESCOPING ANTENNA AND ZERO-ADJUST. MODULATION FREQ. 1000 HZ. VOLTAGES REQUIRED 45 VDC AND 1.5 VDC. SIZE: 7½x7½x8 WT: 7 LBS.
PRICE: USED, $19.95

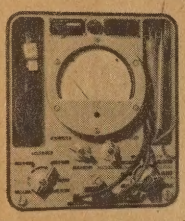
MICROWAVE GENERATOR

TS-147/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11¼x18¾x12¼; WT: 35 LBS.
TS-147A/UP.....$49.50 USED
TS-147B/UP.....60.00 USED
TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20¼x14⅝x10½; WT: 40 LBS. COND. USED PRICE: $150.00 CHECKED FOR OPERATION $25 EX.

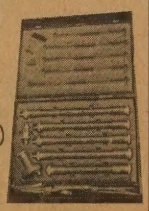
ELECTRONIC MULTIMETER



TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLTMETER AND DC OHMMETER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT POWER REQ. 115 V 50-1600 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500MC
AC RMS VOLTS RANGES 0-2/4/10/20/40/100 & 200
DC VOLTS RANGES 0-2/4/10/40/100/200/400/1000
RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES W/AC-DC PROBES/PROBE FOR 500 MHZ NOT AVAILABLE HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE 11½x13x13; WT: 20 LBS.
PRICE: USED REPARABLE $30.00, CHECKED $40.00

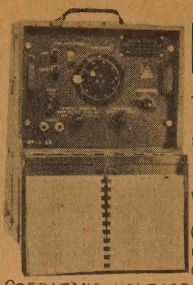
MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS A AMPLIFIER AND MICRAMMETER WHEN PROPERLY CONNECTED FREQ. RANGE 10-150M CYC., VOLTAGE RANGES 0.001-.01/.1/1.0/10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. ACC. APPROX. 2% OVER RANGE.
POWER REQ. 115 V. 50/60 CYC.
SIZE: 4½x5¼x11; WT: 13 LBS.
PRICES: USED CHECKED $39.95, REPARABLE $29.50
BALLANTINE 3000 " 49.95 " 39.50
ALSO AVAILABLE MODELS 310/305/220 ETC.

ATTENUATORS



MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
1 ATTENUATOR CN-110/U 10 DB
1 " CN-111/U 20 DB(2PC)
1 " CN-168/U 3 DB
1 " CN-169/U 6 DB
1 RF BALOMETER DT-76/U, "N" CON
1 ADAPTER CONN. UG-402/U
1 COAXIAL CABLE CG-92B/U W/UG-21 EA. END.
METAL CARRYING CASE, FITTED, SIZE: 19x5½x14; WT: 32 LBS. COMPLETE SET $18.95

BC-221

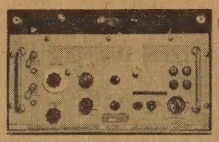


FREQUENCY METER

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.
OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13¾x10; WT: 25LBS.
UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE $60.00
PRICE: USED CHECKED FOR OPERATION $70.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE
PRICE: $45.00

CALIBRATOR



TS-102B/AP CALIBRATOR RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-88B/U. SIZE: 16x10x11; WT: 28LBS.
PRICE: UNUSED $14.95

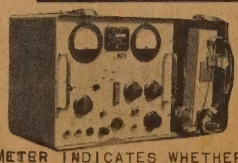
LORAN TEST SET

TS-251 LORAN TEST SET PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SJ7, 6SK7, 6SL7, 6X5 AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY
SIZE: 7⅝x11⅝x10½; WT: 30 LBS.
PRICE: USED SERVICEABLE $50.00 CHECKED $60.

DIODE CRYSTAL CHECKER

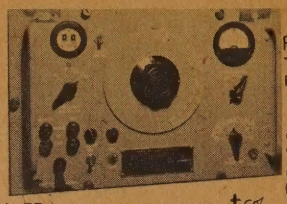
390A-3 TEST SET CRYSTAL CHECKER FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY.
SIZE: 8x8x5½; WT: 5 LBS. PRICE: USED $9.95

URC-4 & URC-10 TEST SET & A.C. POWER SUPPLY



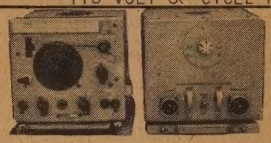
T-906 TEST SET FOR URC-4, URC-10, RT-285 AND RT-350 TRANSCEIVERS CONTROLS TO CHECK FILAMENT VOLTAGES, PLATE VOLTAGE, FILAMENT CURRENT AND PLATE CURRENT METER INDICATES WHETHER TRANSCEIVER IS PASSABLE. T-906 MIGHT ALSO BE USED AS A 115V. AC 60 HZ POWER SUPPLY FOR THE SETS. THREE TEST JIGS ARE INCLUDED FOR SPECIFIC UNITS. POWER REQUIRED 115V. 60 HZ. SIZE: 19x11½x11½ WT: 80 LBS. PRICE: NOT CHECKED $35.00

TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUS VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. ± 1 DB, FREQ. ACCURACY ±6%, STABILITY ±2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. +2 OR -3 MICROVOLTS. POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USD AS A ACCURATE CHECK OF THE OSC. CALIBRATION
SIZE: 18⅝x10x12⅝; WT: SHPG. 75 LBS.
PRICE: USED, REPARABLE $60.00 CHECKED $75.00

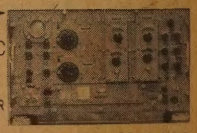
TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE 2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 VDC) AND 3 BA-59 (45 VDC).
SIZE: 15x12x10 WT: 35 LBS.
PRICE: USED REPARABLE $50.00 CHECKED $65.00
115 VOLT 60 CYCLE POWER SUPPLY $24.95



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS. DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.
FREQUENCY METER SIZE: 8½x8x8⅝; WT: 14 LBS.
POWER SUPPLY SIZE: 8½x8½x8; WT: 15 LBS.
PRICES: USED CHECKED $54.50 REPARABLE $44.50
POWER INPUT CONN. F/LM-21 EACH 2.00
POWER SUPPLY " 2 REQUIRED " 2.00
SHOCKMOUNT $2.50 MANUAL 7.50

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1⅝" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3½" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED MATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5½; WT: 10 LBS. NEW
PRICE: LESS CASE $11.50 WITH CASE $14.95

WAVE METER SCOPE OSCILLATOR

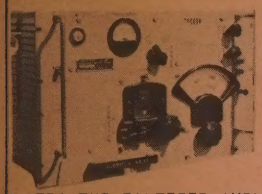


AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORM VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS.
USED $39.50
DIPOLE ANTENNA FOR AN/UPM-1 USED $9.95

FREQUENCY POWER METER

FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE.
SIZE: 8¼x9¼x9½ WT: 18 LBS.
USED $15.00

FR-4/U FREQUENCY METER 100 KHZ TO 20 MHZ IN SEVEN BANDS; PORTABLE GENERAL PURPOSE, HETERODYNE TYPE UNIT USED TO MEASURE AND CALIBRATE RECEIVERS AND TRANSMITTERS. A BLINKER LIGHT IS USED FOR MAKING ACCURATE ZERO-BEAT SETTINGS. CW RECEPTION. OSCILLATOR FREQUENCIES: 100 TO 250 KHZ (PROXY), 1250 KHZ (CRYSTAL), 10 KHZ (BLOCKING) AND 15 TO 20 KHZ (INTERPOLATION). WITH BUILT-IN OSCILLOSCOPE FOR INTERPOLATION. AUDIO POWER OUTPUT 2 MW MIN. ACROSS 600 OHMS. STABILITY .0001%, ACCURACY .001%. 115/230 V AC 50 TO 1000 HZ. SIZE: 15½x19x18 WT: 100 LBS.
PRICE: USED, REPARABLE $65.00 CHECKED $85.00



FR-6/U FREQUENCY METER 100 TO 500 MHZ, HETERODYNE TYPE COMPRISING VARIABLE TUNED INTERPOLATION OSC. ADDED TO A FIXED HARMONIC CRYSTAL OSCILLATOR. THIS METHOD ELIMINATES UNWANTED HARMONICS. AN LC TYPE AUDIO-MODULATOR MODULATES THE FILTERED AMPLIFIER IF SIGNAL AND THE AUDIO IS FED INTO THE HEADPHONE JACKS. RECEIVES CW; FUND. FREQ. RANGE 4.166-4.34 STANDARD FREQ. AVAILABLE 4.0 MHZ. STABILITY .0001%, ACCURACY .001%. WITH CALIBRATING SCALE, USES BNC CONNECTORS. REQUIRES 115/230V 50 TO 1000 HZ. SIZE: 12½x19x15 WT: 60 LBS.
PRICE: USED, REPARABLE $65.00 CHECKED $85.00

FR-5/U FREQUENCY METER; SIMILAR TO FR-6 EXCEPT 10 TO 100 MHZ. A FEW AVAILABLE.
PRICE: USED, REPARABLE $65.00 CHECKED $85.00

SWEEP GENERATOR

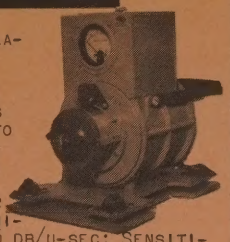
AN/TRM-3 SWEEP GENERATOR PROVIDES CW, AM, OR FM SIGNALS HAVING BAND WIDTHS FROM 600 KHZ TO 160 MHZ AT CENTER FREQUENCIES IN THE RANGE 15 TO 400 MHZ. USED TO TEST, CALIBRATE AND ALIGN RF TUNED CIRCUITS. RF OUTPUT 0.1 µVOLT TO .1 VOLT INTO 50 OHMS. FREQ. MARKER SPACINGS 0.2, 1,5,20MHZ, FM SWEEP DEVIATION -2% TO -20% OF CENTER FREQUENCY. STEP TYPE VERTICAL ATTENUATOR 0 TO 60 DB IN SEVEN RANGES. POWER REQUIRED 103 TO 126 VOLTS 50-1000 HZ. SIZE 17x17x13 SHPG WT: 120 LBS
USED REPARABLE $300.00 USED CHECKED $375.00

ACCESSORIES FOR AN/TRM-3
DA-138 50 OHM DUMMY LOAD $7.50
MX-1983 91 OHM TO 50 OHM IMPEDANCE MATCHING NETWORK $7.50
MX-1981 DETECTOR PROBE $10.00
MX-1982 DC BLOCKING TEST ADAPTER $5.00
CN-374 10DB 50 OHM ATTENUATOR $7.50
CU-506 RF COUPLER DETECTOR $10.00

TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN UNITS FOR USE WITH TEKTRONIX OR LAVOIE SCOPE SERIES 530, 540, 550. SOLD AS "USED REPARABLE, COMPLETE". NOT TEKTRONIX.
TYPE B WIDE BAND, HIGH GAIN $35.
TYPE D HIGH GAIN DC DIFF $40.
TYPE E LOW-LEVEL AC DIFF $40.
TYPE H WIDE BAND, HIGH GAIN DC PREAMP $45.
TYPE L FAST-RISE HIGH GAIN PREAMP $45.
ADD $5.00 FOR TEKTRONIX MFG PLUG-INS ABOVE
TEK TYPE G WIDE BAND DC DIFFERENTIAL $45.
TEK TYPE W HIGH GAIN DIFF DC-23 MHZ EXC $175.
TEK TYPE P OR 84 TEST UNIT EACH $45.

SG-71/FCC CARRIER TEST OSCILLATOR SIMILAR TO HEWLETT-PACKARD 233A. DESIGNED TO CHECK CARRIER CURRENT SYSTEMS; 50 HZ TO 500 KHZ IN FOUR BANDS. HIGH POWER OUTPUT: 3 WATTS INTO 600 OHMS BALANCED LOAD MAKES TESTS OVER LOOPS 100 TO 200 MILES LONG. SECOND OUT PUT OF 6 VOLTS INTO 600 OHMS AVAILABLE FOR AUDIO TESTS. WITH 0-50 DC VOLTMETER FOR OUTPUT; PROVISION FOR CARRIER MODUALTION. POWER REQUIRED: 115/230 VAC 50-1000 HZ; SIZE: 17½x11x15 WT: 45 LBS.
PRICE: USED REPARABLE $65.00, CHECKED $85.00

TUNED CAVITY



TS-545/UP TUNED CAVITY, DESIGNED TO INDICATE RELATIVE POWER, OUTPUT, FREQUENCY, RESONANCE, AND GENERAL EFFECTIVENESS OF A RADAR SYSTEM; RECEIVES AND TRANSMIT FROM 1150 TO 1350 MHZ PULSED. RESONANCE INDICATED BY NEEDLE DEFLECTION OF 3½" ROUND 0 TO 100 DC MICROAMMETER FREQUENCY READ FROM VERNIER-TYPE DIAL. DECAY: 3.5 DB/U-SEC; SENSITIVITY: 1 DB POWER LOSS FOR 50 YARDS RING-TIME POWER REQUIRED: NONE. SIZE: 11½x8x9½ SHPG. WT: 40 LBS. PRICE: USED, $49.50
TS-270 SIMILAR TO ABOVE 2630-2970 MHZ $39.95

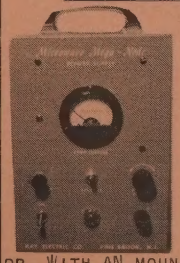
F.M. SIGNAL GENERATOR

SG-12 SIGNAL GENERATOR; CW F.M. 20 TO 100 MHZ IN 5 BANDS, 9 CRYSTAL I.F. OUTPUTS, 1.4,2.515,2.65 2.88,4.3,4.45,5.00,5.35 15.0 PLUS 2 SPARES. RF MOD. 1000 HZ INTERNAL FM, 100-20,000 HZ EXTERNAL FM. DEVIATION, INTERNAL 0-100 KHZ 3 RANGES RF MOD. CAL. 1MHZ IN 20-50 MHZ, 2 MHZ 50-100 MHZ. EXT. MOD. 8 V. SINE, IMPEDANE 600 OHMS. R.F. SIG. OUT. .05 TO 10,000 MICRV. I.F. .5 TO 1,000,000 MIC/V. CAL. MULTIPLIES 10 GENERATOR LOAD IMP. 80 OHMS RF, 250 OHMS IF. ACCURACY .5% DIRECT READING IF. OUTPUT METER CAL. IN MICROVOLTS. POWER REQ. 115V. 50/60CY. SIZE: 12x18x12; 75 LB. REP. $75. CHECKED $100

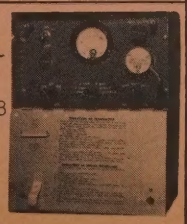
400 TO 1000 MHZ

TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHZ IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 UUF; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ SIZE: 12½x17¾x13½ SHBG. WT: 80 LBS.
PRICE: USED, REPARABLE $95.00
USED, CHECKED $120.00

NOISE GENERATOR



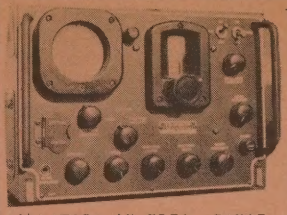
RG-52 MICROWAVE MEGANODE NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ.
WAVEGUIDE SIZE: 16x5¾x1½ WT: 2½ LBS.
POWER SUPPLY SIZE: 11½x7x7 WT: 15 LBS.
PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED $25.



TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6,333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT:29 LBS.
SIZE: 12x16x12; UNUSED $29.50

AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S VOLTAGES. W/CALIBRATION BOOK SIZE: 13¾x12x13¾: WT: 29 LBS.
PRICE: USED, CHECKED, $125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, $150.00

TS-148 SPECTRUM ANALYZER

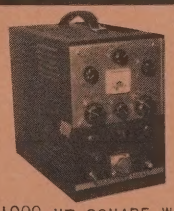


TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION—80 DB BELOW 1 WATT/IN. DEFLECTION; SENSIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEPT RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25,2X2,3BP1,5R4,6AC7,6SA7,6Y6, 3/6SJ7,3/6SN7,884 & 4/991. POW. REQ. 115v 60c SIZE: 19x13¾x25; WT: 45 LBS.
PRICE: TS-148/UP USED $39.50 UNUSED $49.50
AN/UPM-33 COMPLETE SPRCTROM ANALYZER CONSISTING OF TS-148/UP DESCRIBED

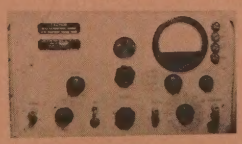
ABOVE PLUS ACCESSORY WAVEGUIDES, CABLE TRANSIT CASE, AND MANUAL.
USED $70.00 UNUSED $80.00

KLYSTRON POWER SUPPLY

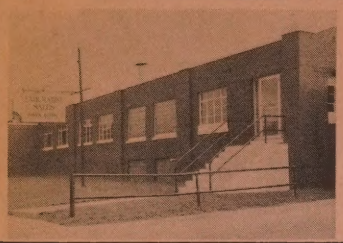


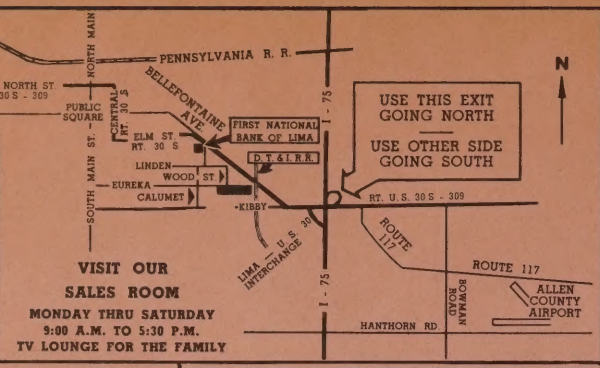
GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11½x13x7½ SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC).
PRICE: UNUSED $45.00

SPECTRUM ANALYZER



TS-723-C SPECTRUM ANALYZER USED TO MEASURE HARMONIC DISTORTION AND NOISE LEVEL IN AUDIO AMPLIFIERS. MEASUREMENTS ARE MADE IN PERCENTAGE OR DECIBELS AND NOISE IS MEASURED IN RMS OR DB VALUES REFERRED TO 1 MW ACROSS 600 OHMS (DBM). THE SPECTRUM ANALYZER CAN ALSO BE USED AS AN AC VACUUM TUBE VOLTMETER FREQ 20-20KHZ, DISTORTION LEVELS AS LOW AS 0.3% FULL SCALE. INPUT IMPEDANCE 200,00 OHMS 40 MMF SHUNT. METER RANGES: 0.03 0.1, 0.3, 10,30,100,300 RMS VOLTS DB -30,-20,-10, 0, -+10, +20, +30, +40, AND +50 VTVM FREQ RANGE 10 TO 100KHZ, VTVM INPUT IMPEDANCE 1 MEGOHM POWER REQUIRED 115/230 VOLTS 50-1000 HZ TUBES 6H6, 3/6AC7, 2/6J5, 0D3, 4/6SJ7, 5Y3, 6Y6, 19" RACK MOUNT 10½x12" SHPG WT: 50 LBS.
USED REPARABLE $200.00 USED CHECKED $250.00





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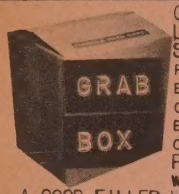
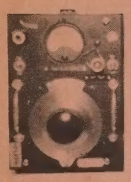
Lima, Ohio
Permit No. 74



GRAB BOX ASSORTMENT OF NEW & USED, USEABLE ELECTRONIC ITEMS. SUCH AS PARTS, ASSEMBLIES, RESISTORS, CONDENSERS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS, MOTORS ETC. SOME OF THESE ITEMS MAY BE ON OR OFF THE ASSEMBLIES. PACKED IN CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS.
A GOOD FILLER WHEN YOU ARE BUYING OTHER ITEMS AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE OF 150 POUNDS.
GRAB BOX NO.75 50 LBS. $6.00 100 LBS. $10.00



BC-906 FREQUENCY METER ABSORPTION TYPE, FOR USE IN THE 160-220 MHZ. RANGE. USED TO DETERMINE THE FREQ OF CW., MCW., PULSED AND LOCAL OSCILLATORS. ALSO USED TO CALIBRATE CHECK SENSITIVITY AND ALIGN REC. IN THE FREQ. RANGE. RESONANCE IS INDICATED BY A DIP OF THE 2½" 500 MICROAMMETER READING AND THE VERNIER DIAL SETTING & ASSOCIATED CHARTS IN COVER. BATTERIES REQ. 45VDC & 1.5VD SIZE: 6½x9¼x12⅝; 15 LBS. USED REPARABLE $18.95

LATE SPECIALS

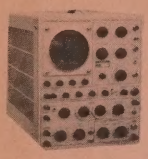
SHURE MICROPHONE MODEL 520B HIGH LEVEL CONT. MAGNETIC, 150-250 OHM IMP., WIRED FOR BAL. LINE, RECOM. WHERE LONG CABLES REQUIRED. (NO BASE) PRICE: NEW BOXED $14.95

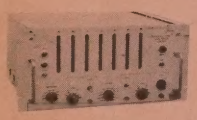
R-648/ARR-41 RECEIVER 190-550 KC & 2-25 MC AIRCRAFT TYPE USING THE DIGITAL READ-OUT FOR WHICH COLLINS IS FAMOUS FOR, CAPABLE OF RECEIVING CW, AM OR FSK. PRICE: REPARABLE $125

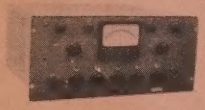
EDDYSTONE RECEIVER (BRITISH) 19-165 MHZ, AM/FM/NBFM/CW, 6 BANDS, SQUELCH, 3¾x12¾" DIAL MODEL 770R USED $350

ORIEL OPTICS EQUIPMENT
C-72-50 UNIVERSAL LAMP POWER SUPPLY
C-60-50 LAMP 1000W, MOLDER & BLOWER
F-11-20 MONO CHROMATOR 1900-15000A
ONLY 1 EA. OF THE ABOVE, LOT $1250

SPECTRA-PHYSICS HE-NE (RED) LASER MODEL 132 1.0 MW TEM, 1 UNIT $125







Clearance

EQUIPMENT OFFERED AS USED REPARABLE, NOT CHECKED FOR OPERATION. IF NOT SATISFIED EQUIPMENT CAN BE RETURNED WITHIN 5 DAYS AFTER YOU RECEIVE IT PROVIDING YOU PAY FREIGHT CHARGES BOTH WAYS.

BERKELEY

554	EPUT-METER/COUNTER	$ 65
4904	DOUBLE PULSE GENERATOR	$125
7175	DIGITAL FREQ. METER 10HZ-110MHZ	$200
7150R	EPUT-METER 0-500KHZ	$100
7360	EPUT-METER COUNTER & TIMER	$100
7370	UNIVERSAL EPUT METER 10HZ-11.5MC	$100
7580	TRANSFER OSCILLATOR 7.5MHZ-15GHZ	$195

FLUKE

801R	POTENTIOMETRIC DIFFERENTIAL VOLTMETER 0-500VDC	$100
803	PRECISION DC-AC DIFFERENTIAL VOLTMETER	$175
803R	SAME AS ABOVE RACK MTG.	$195
301E	PRECISION DC POWER SUPPLY 1.2 TO 512 V. 0-300 MA.	$150

TELONIC: HD-1A SWEEP GENERATOR 400 TO 900 MHZ W/PROV. FOR FIXED MAR. $100
" SP1-49-1 SWEEP GENERATOR 400-900 MHZ., PROVISION FOR MARK. $ 75
" SP1-49-2 MARKER GENERATOR $ 65
" LD5/SP2/LR4 OR PSX ANY ONE $ 65

KAY ELEC: MICRO PULSER/MEGA NODE SR/RADA-PULSER SR./RADA SWEEP/MARKA-SWEEP/MEGA-NODE/ANY ONE $ 50

TEC-INSTRUMENT: WOBBULATOR 1500B/AM-FM GENERATOR/WOBBULATOR 1200 2-13 TV CHANNELS /ANY ONE $ 45

MEASUREMENTS: SIGNAL GENERATOR 84 TV 300-1000 MHZ. $150
SIGNAL GENERATOR 65B 75 HZ TO 35 MHZ. $175
210B FM 148-174 MHZ. $175

MAGNAVOX: DIGITAL PATTERN GENERATOR 100 MICSEC.-10 MICROSEC. V.D.C. $150

ANALAB 1100R OSCILLOSCOPE 5" WITH 700 PLUG-IN, DUAL CHANNEL DC COUPLED 10 MICROSEC. TO 50 SEC. SWEEP. $175

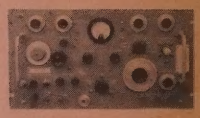
OSCILLOSCOPES OTHERS IN STOCK, SMALL QTY. WRITE

HEWLETT - PACKARD

200BR	AUDIO OSCILLATOR 20 HZ-20 KHZ	$ 60
206A	AUDIO SIGNAL GENERATOR LOW DISTORTION 20 HZ-20 KHZ	$300
212A	PULSE GENERATOR .07-10 MICSEC.	$150
330BR	DISTORTION ANALYZER 20HZ-20KHZ	$225
400C	VTVM .0001-300VAC 12 RANGES	60
400H	VTVM 1MV-300VAC 12RG 10HZ-4MHZ	$125
410B	VTVM 20HZ-700MHZ, DCV 0-1000, ACV 0-300, OHMS .2-500 MEG.	$ 75
412A	DC VOLT-OHM AMPS. 1MV - 1000V, 1 MU -1A, OHMS 1-1000.	$150
430C	MICROWAVE POWER METER 10MC-40GC REQ. BOLOMETER (PRICE LESS BOLOM)	$ 50
450A	AMPLIFIER 20 OR 40 DB, 10CY-1MC	$ 45
460A	AMPLIFIER 20 DB 100KHZ-140MHZ	$ 35
523C	ELECTRONIC COUNTER 10HZ-1.2MHZ	$175
524B	FREQ. COUNTER PLUG-IN TYPE	$175
524C	" " " "	$200
524D	" " " "	$225
525A	CONVERTER PLUG-IN 10-100 MHZ	$ 75
525B	" " 100-220 "	$ 90
525C	" " 100-510 "	$175
526A	VIDEO AMPL. "INCR/524/10MV.	$ 60
500B	FREQ. METER 3HZ-100KHZ.	$ 50
540A	TRANSFER OSCILLATOR 10MHZ-5GHZ	$200
624C(DY)	X BAND TEST SET 8500-10,000 MHZ	$400
650A	TEST OSCILLATOR 10HZ-10MHZ	$200
686A	SWEEP OSCILLATOR 8.2-12GHZ	$400
2210(DY)	VOLTAGE-FREQ. CONVERTER (R)	$ 50
5381(DY)	X BAND SIG. GENERATOR, 8.6-10KMHZ	$400

GENERAL RADIO

219K	DECADE CAPACITOR 1.11MF-.001	$ 40
631B	STROBOTAC, STROBOSCOPE	95
650A	IMPEDANCE BRIDGE	95
546B	AUDIO FREQ. MICROVOLTER	60
722D	PRECEISION CAPACITOR 25-1150MMF	$ 75

BOONTON

110A	Q X CHECKER	$ 75
160A	Q METER OSCILLATOR	$125
207	UNIVERTER 207E	$ 75
207H	"	$125